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CATALOG OF SEED AND VEGETATIVE STOCK  
AVAILABLE FROM THE SOUTHERN REGIONAL  
PLANT INTRODUCTION STATION

# *Sorghum* Species

Science and Education Administration  
U.S. Department of Agriculture  
1979

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Catalog of Seed and Vegetative Stock  
Available From the  
Southern Regional Plant Introduction Station

SORGHUM SPECIES

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Compiled by  
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## Foreword

Seeds of the plant introductions listed herein are available in small quantities to research workers on request to the Southern Regional Plant Introduction Station, Experiment, Ga. 30212. This inventory is cumulative for plant materials grown at the regional station or by cooperating State experiment stations since 1949, when the S-9 "New Plants" project was initiated. During the year of seed multiplication, plants were observed, when possible, for agronomic and horticultural characteristics, disease resistance, and other desirable genetic characters. These data are summarized for the use of plant scientists who wish to select plant materials for research.

Many plant species that are not in this seed list are available at the Northeastern Regional Plant Introduction Station, Geneva, N.Y. 14456; North Central Regional Plant Introduction Station, Ames, Iowa 50010; and the Western Regional Plant Introduction Station, Pullman, Wash. 99163. The Plant Germplasm Technical Committee member in each State can provide a list of plant materials available at each station. In the Southern States, Hawaii, and Puerto Rico the members are:

Alabama: C. S. Hoveland, Department of Agronomy, Agricultural Experiment Station,  
Auburn, Ala. 36830.

Arkansas: John L. Bowers, Department of Horticulture and Forestry, Agricultural  
Experiment Station, Fayetteville, Ark. 72701.

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Georgia: Grover Sowell, Jr., Regional Plant Introduction Station, Experiment Ga. 30212.

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Oklahoma: James S. Kirby, Department of Agronomy, Agricultural Experiment Station,  
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South Carolina: D. W. Bradshaw, Department of Horticulture, Agricultural Experiment Station, Clemson, S.C. 29631.

Tennessee: L. N. Skold, Department of Plant and Soil Sciences, University of Tennessee, Knoxville, Tenn. 37901.

Texas: E. L. Whiteley, Department of Agronomy, Agricultural Experiment Station, College Station, Tex. 77843.

Virginia: A. J. Lewis III, Department of Horticulture, Agricultural Experiment Station, V.P.I. & S.U., Blacksburg, Va. 24061.

Plant scientists in the Southern Region having a need for plant germplasm not available at any of the regional stations or other units of the National Plant Germplasm System should direct their requests to the Coordinator, Regional Project S-9, Southern Regional Plant Introduction Station, Experiment, Ga. 30212. Scientists in the North Central, Northeastern, or Western Regions should direct similar requests to the Coordinator, Regional Project NC-7, NE-9, or W-6, at the appropriate Regional Plant Introduction Station.

Grover Sowell, Jr.  
Coordinator, Regional Project S-9  
Science and Education Administration

## Sorghum Introductions

The following symbols and abbreviations are used in the table of *Sorghum* introductions:

<u>Column</u>	<u>Interpretation</u>
Species .....	AETHIO, <i>aethiopicum</i> . ARNDCM, <i>arundinaceum</i> . BICOLR, <i>bicolor</i> . CNTVRM, <i>controversum</i> . HEWSNI, <i>hewisonii</i> . HLPNSE, <i>halepense</i> . JAPNCM, <i>japonicum</i> . MILCUM, <i>miliaceum</i> . NILTCM, <i>niloticum</i> . PGNFLM, <i>pugionifolium</i> . PLMOSM, <i>plumosum</i> . PROPIN, <i>propinquum</i> . SCHRTM, <i>saccharatum</i> . SP, unidentified species. SUDNSE, <i>sudanense</i> . VRGTUM, <i>virgatum</i> . VRSCLR, <i>versicolor</i> . VRTCFL, <i>verticilliflorum</i> .
Source .....	AFGH, Afghanistan. AFR, Africa. ALGE, Algeria. ARGN, Argentina. AUSTL, Australia. BELG, Belgium. BRAZ, Brazil. BWIND, British West Indies. CEYL, Ceylon. DOM R, Dominican Republic. E AFR, East Africa. ELSAL, El Salvador. ETHI, Ethiopia. FRAN, France. GER, Germany. GUAT, Guatemala. HUNG, Hungary. INDO, Indonesia. JORDN, Jordan. MALA, Malaya. MALAW, Malawi. MALGY, Madagascar. MANCH, Manchuria. MEX, Mexico. N GUI, New Guinea. NICAR, Nicaragua. NIGIA, Nigeria. PAK, Pakistan. PHIL, Philippines. PORT, Portugal. RHOD, Rhodesia. S AFR, South Africa. SAUDI, Saudi Arabia. SENGL, Senegal. SICLY, Sicily. SWAZ, Swaziland. TAIWN, Taiwan. TANZ, Tanzania. THAI, Thailand. TURKY, Turkey. UGAN, Uganda. URUG, Uruguay. VENEZ, Venezuela. W AFR, West Africa. W IND, West Indies. YUGO, Yugoslavia.
Maturity .....	1, early. 5, midseason. 9, late.
Plant use .....	1, forage. 2, grain. 3, broomcorn.
Plant uniformity .....	1, very high. 2, high to very high. 3, high. 4, intermediate to high. 5, intermediate. 6, low to intermediate. 7, low. 8, very low to low. 9, very low.
Lodging .....	1, 100% of plants standing. 2, 66 to 99% of plants standing. 3, 33 to 65% of plants standing. 4, 1 to 32% of plants standing. 5, no plants standing.
Peduncle type .....	1, erect. 2, semirecurved. 3, recurved.
Head uniformity .....	1, very high. 2, high to very high. 3, high. 4, intermediate to high. 5, intermediate. 6, low to intermediate. 7, low. 8, very low to low. 9, very low.
Head compactness .....	1, open. 5, semiopen. 9, closed.
Awns .....	1, present. 2, absent.
Seed color .....	1, brown. 2, red. 3, white. 4, yellow.
Gray leafspot .....	Caused by <i>Cercospora sorghi</i> Ell. & Ev. 1, 1 to 10% of

leaf area affected. 2, 11 to 20% of leaf area affected. 3, 21 to 30% of leaf area affected. 4, 31 to 40% of leaf area affected. 5, 41 to 50% of leaf area affected. 7, 61 to 70% of leaf area affected. 9, 81 to 100% of leaf area affected.

- Leaf blight ..... Caused by *Helminthosporium turcicum* Pass. 1, 1 to 10% of leaf area affected. 2, 11 to 20% of leaf area affected. 3, 21 to 30% of leaf area affected. 4, 31 to 40% of leaf area affected. 5, 41 to 50% of leaf area affected. 9, 81 to 100% of leaf area affected.
- Anthracnose ..... Caused by *Colletotrichum graminicola* (Ces.) G. W. Wils. 1, 1 to 10% of leaf area affected. 2, 11 to 20% of leaf area affected. 3, 21 to 30% of leaf area affected. 4, 31 to 40% of leaf area affected. 5, 41 to 50% of leaf area affected. 7, 61 to 70% of leaf area affected. 9, 81 to 100% of leaf area affected.



Plant introduction No.	Species	Source	Cultivar or other identification	Maturity	Plant use	Plant height (dm)	Plant uniformity	No. nodes per plant	Lodging	Peduncle type	Head uniformity	Head compactness	Head exertion (cm)	Awns	Seed color	Gray leaf spot	Leaf blight	Anthraxnose
302106	AETHIO	ETHI																
190579	ALMUM	ARGN		1	1	24	1	8		1	1	1	30	2	1			
199868	ALMUM	ARGN																
202410	ALMUM	ARGN																
203890	ALMUM	ARGN																
204282	ALMUM	ARGN		1	1	24	9	8		1	1	1	15	2	1			
208702	ALMUM	ALGE																
240996	ALMUM	ARGN		5	1	27	1		1	1	1	1			1			
302108	ALMUM	ARGN		5	1	31	1		1	1	1	1			1			
302110	ALMUM	ARGN													1			
302249	ALMUM	AUSTL																
339704	ALMUM	ARGN		1	1													
156549	ARNDCM	RHOD																
164089	ARNDCM	BKAZ		1	1	31	5	9		1	1	1	15	1	1			
186570	ARNDCM	NIGIA																
199869	ARNDCM	S AFR		1	1	31	1	10		1	1	1	30	2	1			
208573	ARNDCM	INDIA		9	1	33	1											
225905	ARNDCM	RHOD		1	1	21	1	9	1	1	1	1	25	2	1			
302111	ARNDCM	S AFR		5	1	31	1		3	1	1	1			1			
302113	ARNDCM	S AFR																
302114	ARNDCM	S AFR		5	1	31	1											
302115	ARNDCM	AUSTL		1	1	34	1	12	1	1	1	1	15		1			
302116	ARNDCM	AUSTL		1	1	31	1		1	1	1	1			1			
302117	ARNDCM	AUSTL		1	1	31	1		1	1	1	1			1			
302242	ARNDCM	BURMA		5	2	30	1	10	1	1	1	1	16	1	1			
302266	ARNDCM	E AFR		5	2	25	5	10	1	1	5	1	12	1	1			
302267	ARNDCM	E AFR		5	2	18	5	9	3	1	5	1	9	2	1			
2363	BICOLR	USA	UPANGE	5	2	22	5	8	2	1	5	5	3	1	1			
17548	BICOLR	AUSTL	RED AMBER	5	2	22	5	7	2	1	5	5	20	1	1			
19492	BICOLR	USA	RED KAFIR	1	1	21	1	11		1	1	5	10	1	1			
19749	BICOLR	S AFR		5	1	21	5	12	1	1	1	5	13		1			
19770	BICOLR	S AFR	COLLIER	5	1	21	1	8	1	1	1	1	20		1			
22913	BICOLR	CHINA	CHINESE	5	1	17	5	8	1	1	1	5	23		1			
23231	BICOLR	CHINA	BROWN		1	15	1	10	1	2	1	9	5		1			
24960	BICOLR	USA	KAOLIANG	2	2										2			

Plant introduction No.	Species	Source	Cultivar or other identification	Maturity	Plant use	Plant height (dm)	Plant uniformity	No. nodes per plant	Lodging	Peduncle type	Head uniformity	Head compactness	Head exertion (cm)	Awns	Seed color	Gray leaf spot	Leaf blight	Anthracnose
29166	BICOLR	USA	JAPANESE DWARF	1	2	15	1	7	3	1	1	5	5	2	3			
30204	BICOLR	USA	SUNRISE KAFIR	1	2	13	5	11	1	1	1	1	1	2	1			
32707	BICOLR	USA	HEGARI	1	2	15	1		1	1	1	6			3			
34911	BICOLR	USA	SUMAC	1	1	24	5	11		1	1	5	25	2	2			
35038	BICOLR	USA																
38085	BICOLR	JAPAN	BROWN KAOLIAN	1	1	15	9	7	2	1	1	5	25		1	2		
38205	BICOLR	JAPAN	WHITE KAULING	1	2	13				1	1	1			3			
38355	BICOLR	JAPAN	KAOLIAN	5	1	21	1	11	1	1	1	1	10		4	2		
39269	BICOLR	JAVA																
48191	BICOLR	AUSTL	SACCLINE	1	1	30	1	14		1	1	5	20	1	1			
48770	BICOLR	S AFP	WHITE KAFIR	1	2	12	1	6		1	1	5	10	1	3			
51609	BICOLR	RHCD	JUBA KAFIR	1	1	13	5	8	1	1	1	5	25		1			
52606	BICOLR	S AFR	AFRICAN KAFIR	1	2	15	6	11		1	5	9	25	1	3			
54484	BICOLR	SUDAN	DURRA	1	1	19	1	10	1	2	1	9	30	2	2	3		
54538	BICOLR	JAVA	KLAKAH	1	1	27	5	12		1	1	5	10	2	3			
55123	BICOLR	SUDAN	HEMAIZE	1	2	14	1	4	2	1	1	5	25		2	2		
55128	BICOLR	SUDAN	GANAN TOKAR	1	1	24	1	10		1	1	5		2	4			
61453	BICOLR	SUDAN	DURRA	5	1	19	1	10	1	2	1	9	0		3			
61455	BICOLR	SUDAN	HEGARI	5	2	14	1	11	1	1	1	6	15	1	3	2		
61666	BICOLR	MALAW	CORNEOUS SORGHUM	5	1	20	5	11	1	1	1	5			3			
63715	BICOLR	CHINA	SUMAC	5	1	18	1	10	1	1	1	5	20	1	2	2		
63923	BICOLR	CHINA	WHITE KAULIAN	1	1	27	1	10	1	1	1	1	20		3	2		
68003	BICOLR	MANCH	BROWN KAOLIAN	1	1	15	1	11	3	1	1	5	3	1	1	2		
71309	BICOLR	CHINA	KAOLIAN	5	1	21	5	10	3	1	1	1	15		1	2		
71310	BICOLR	CHINA	KAOLIAN	1	1	24	9	11	2	1	5	1	25		3	2		
76406	BICOLR	TAIWN	NW BLACK KAOLIAN	1	2	18	9	7	3	1	5	5	15		2	2		
76407	BICOLR	TAIWN	NW GOLD KAOLIAN	1	1	15	9	8	4	1	9	5	20		2	2		
76408	BICOLR	TAIWN	NW RED KAOLIAN	1	1	14	9	10	4	1	9	5	20		2	2		
76409	BICOLR	TAIWN	SHE-JIM KAOLIAN	1	1	15	9	7	4	1	1	5	25		1	2		
81216	BICOLR	SAUDI		1	1	13	9	8	2	1	9	5	20		2	2		
82335	BICOLR	TAIWN	KAOLIAN	1	1	21	1	10	1	1	1	5	25		2	3		
82336	BICOLR	TAIWN	SHALLU	1	1	21	1	10	3	1	1	1	5		1	3		
82340	BICOLR	TAIWN	KAOLIAN	5	1	21	5	9	1	1	1	5	25		2	2		
87350	BICOLR	TAIWN				18	5								1			
87353	BICOLR	KOREA																

87355	BICOLR	TAIWN	1	1	24	9	3	2	1	5	1	30	1	22	22
88000	BICOLR	TAIWN	1	1	24	5	8	1	1	5	1	30	1	22	22
88002	BICOLR	CHINA	1	1	24	1	8	1	2	1	2	30	1	4	23
88004	BICOLR	TAIWN	5	1	27	5	9	1	1	1	1	36	1	4	23
88006	BICOLR	TAIWN	1	1	15	5	7	2	1	1	1	30	1	3	23
KAULIANG															
KAULIANG															
KAULIANG															
88007	BICOLR	TAIWN	1	1	18	1	9	2	1	9	5	30	2	4	32
88022	BICOLR	TAIWN	5	1	24	1	9	3	1	1	1	10	2	2	53
90267	BICOLR	TAIWN	1	1	21	5	11	3	1	1	5	5	2	2	53
90271	BICOLR	TAIWN	1	1	24	1	10	3	1	1	1	20	1	2	53
90769	BICOLR	CHINA	1	1	24	1	10	3	1	1	1	20	1	2	53
DWARF SORGHUM															
92260	BICOLR	CHINA	1	1	27	5	10	1	1	1	1	10	2		
92261	BICOLR	CHINA	1	1	27	5	10	1	1	1	1	10	1		
92262	BICOLR	TAIWN	1	1	31	1	11	4	1	1	1	10	1	2	7
92263	BICOLR	TAIWN	1	1	21	5	9	5	1	1	1	10	2	2	33
92264	BICOLR	TAIWN	1	1	31	1	11	5	1	1	1	10	2	2	33
DWARF YELLOW MILU															
92265	BICOLR	CHINA	5	2	13	5	11	5	1	5	1	5	1	2	37
92267	BICOLR	TAIWN	1	1	21	5	9	4	1	1	1	5	1	2	37
92268	BICOLR	TAIWN	1	1	21	5	7	1	1	1	1	5	1	2	37
92269	BICOLR	CHINA	1	1	31	5	9	1	1	1	1	5	2	2	37
92270	BICOLR	CHINA	1	1	31	5	9	1	1	1	1	5	2	2	37
KALATI CONSA															
MAICILLO															
92271	BICOLR	TAIWN	5	1	15	5	11	4	1	5	1	15	2	2	3
92272	BICOLR	TAIWN	5	1	24	5	10	4	1	5	1	18	2	2	3
92273	BICOLR	TAIWN	1	1	19	5	10	3	1	5	1	20	2	2	3
152857	BICOLR	KENYA	1	1	19	5	10	3	1	5	1	20	2	2	3
163593	BICOLR	GUAT	1	1	19	5	10	3	1	5	1	20	2	2	3
JAWAR															
164370	BICOLR	INDIA	1	1	24	1	11	1	3	1	9	1	2	5	1
164380	BICOLR	INDIA	1	1	21	5	9	1	1	1	1	1	2	5	1
164397	BICOLR	INDIA	1	1	31	5	11	1	1	1	1	1	2	4	3
164416	BICOLR	INDIA	5	1	31	5	14	1	1	1	5	13	2	4	2
164424	BICOLR	INDIA	9	2	25	1	12	1	1	1	1	1	2	3	3
JAWAR															
164443	BICOLR	INDIA	5	1	34	1	16	1	3	1	9	1	3	4	1
164447	BICOLR	INDIA	9	2	31	5	19	1	3	1	9	1	3	3	1
164508	BICOLR	INDIA	5	1	34	5	17	1	2	1	9	1	3	4	1
164516	BICOLR	INDIA	5	1	31	9	19	1	3	1	5	1	3	4	1
164526	BICOLR	INDIA	5	1	31	9	19	1	3	1	5	1	3	2	2
NC. 8812															
NC. 8323-A															
164535	BICOLR	INDIA	9	1	24	5	14	1	1	1	5	1	4	2	2
164698	BICOLR	INDIA	1	1	12	9	12	1	1	1	5	1	2	2	2
164702	BICOLR	INDIA	5	1	18	1	10	2	1	1	5	1	4	2	2
164783	BICOLR	GUAT	1	2	18	1	15	1	1	1	5	1	3	2	3
164903	BICOLR	GUAT	1	2	18	1	15	1	1	1	5	1	3	2	3
JUAR															
165531	BICOLR	INDIA	5	1	20	1	17	1	2	5	5	2	2	1	5
166967	BICOLR	TURKY	1	2	15	1	9	1	2	1	5	1	1	2	3
166979	BICOLR	TURKY	1	2	15	1	7	1	2	1	5	1	1	3	3
166981	BICOLR	TURKY	1	2	15	1	10	1	2	1	5	1	1	3	3
167014	BICOLR	TURKY	5	2	20	5	10	1	2	1	5	2	3	4	5
AKDARI															
167047	BICOLR	TURKY	1	1	18	1	8	2	2	5	1	1	3	4	5

Plant introduction No.	Species	Source	Cultivar or other identification	Maturity	Plant use	Plant height (dm)	Plant uniformity	No. nodes per plant	Lodging	Peduncle type	Head uniformity	Head compactness	Head exertion (cm)	Awns	Seed color	Gray leaf spot	Leaf blight	Anthraxnose
167093	BICOLR	TURKY	AKDARI	5	1	34	5	12		2	1	5		1				
167122	BICOLR	TURKY		1	1	15	1	9		1	1	5		2				
167264	BICOLR	TURKY		5	1	18	5	10		2	1	5		2	3	4	3	3
167352	BICOLR	TURKY		1	1	23	1	11		3	1	5		1				
170777	BICOLR	TURKY	SUPURGE NC. 1627 AKDARI	1	1	15	5	7	1	2	1	9		2	3			
170778	BICOLR	TURKY		1	3	27	1	13	2	1	1	1	1	2	1	4	3	1
170779	BICOLR	TURKY																
170780	BICOLR	INDIA																
170781	BICOLR	TURKY	AKDARI	1	1	20	1			1	1	1		2	3	5	2	2
170782	BICOLR	TURKY		1	1	20	5	7		1	1	1		2		5	3	2
170783	BICOLR	TURKY		5	1	20	1			1	1	1			3	5	3	2
170784	BICOLR	TURKY		1	1	23	1		1	1	1	1			3	5	3	2
170785	BICOLR	TURKY	AKDARI	1	2	17	1	14		2	1				4	5	2	3
170786	BICOLR	TURKY		1	1	23	1				1				1	5	2	3
170787	BICOLR	TURKY		1	3	24	1	13	2	1	5	5	5	1	1	2	1	3
170788	BICOLR	TURKY		1	3	24	1	11		1	1	1			2	3	5	3
170789	BICOLR	TURKY	AKDARI	1	2	19	1	7		3	1	5		2	1	3	4	3
170791	BICOLR	TURKY		1	2	15	1	8		2	1	6			3	4	3	3
170792	BICOLR	TURKY		1	2	20	1	7	1	2	1	5			3	4	2	3
170793	BICOLR	TURKY		1	1	20	1	8	1	1	5	1	8	2	3	4	2	5
170796	BICOLR	TURKY	AKDARI	5	3	27	1	11	2	1	5	1	15	2	1	5	4	2
170797	BICOLR	TURKY		1	1	21	1	9		1	1	1			3	3	3	2
170798	BICOLR	TURKY		1	1	21	1	11		1	1	1			3	4	3	2
170799	BICOLR	TURKY		1	3	31	1	10		1	1	1			1	5	1	2
170800	BICOLR	TURKY		5	2	18		6	5	2		5	4	1				3
170802	BICOLR	TURKY		5	3	18	9	6	4	1	5	1	3	1	1			3
170803	BICOLR	TURKY		1	3	30	1	10	3	1	1	1	25	2	1	5	3	3
170804	BICOLR	TURKY		1	2	18	1	10		2	9	5			1	5	3	2
170805	BICOLR	TURKY		1	2	24	5	10		1	1	1			1	1	2	3
170806	BICOLR	TURKY		5	3	27	1	10		1	1	1		2	1	5	5	3
171856	BICOLR	TURKY		5	3	30	5	11	2	1	1	1	1	1	1	3	2	3
173112	BICOLR	TURKY		1	1	25	9	7	4	2	5	1	3	1	1	4	4	3
173113	BICOLR	TURKY		1	1	25	1	11		1	1	5			1	4	4	3
173114	BICOLR	TURKY		1	1	25	1	13		1	1				1	4	1	3
173115	BICOLR	TURKY		1	1	24	1	13		1	1	5			1	3	2	3



173116	BICOLR	TURKY	AKDARI	1	3	24	5	9	1	1	1	1	2	1	4	4	3	3
173117	BICOLR	TURKY		1	3	15	5	8		1	5	5	2	3	5	3	5	
173118	BICOLR	TURKY		1	1	18	5	9		1	1	1		3	4	3		
173119	BICOLR	TURKY		1	2	21	9	10		1	9	5						
173120	BICOLR	TURKY																
173121	BICOLR	TURKY	GILGIL	5	3	24	5	11		1	5	9			1	5	3	
173898	BICOLR	TURKY	JAWAR	5	3	24	1	11		1	1	1			1	4	4	
173971	BICOLR	INDIA		1	1	18	5	7		1	1	5			1	4	3	
174376	BICOLR	TURKY	AKDARI	1	1	21	1	13		1	1	1			3	3	5	
174377	BICOLR	TURKY		1	2	15	1	9		1	1	1			3	4	3	
174378	BICOLR	TURKY		1	1	13	5	7		2	1	1						
174379	BICOLR	TURKY		1	1	24	1	11		2	1	5						
174380	BICOLR	TURKY	NO. 8434	1	2	17	1	7		2	2	2			1	4	3	
174381	BICOLR	TURKY	KARADARI	1	2	20	5	9		1	1	5			1	5	2	
174382	BICOLR	TURKY																
175316	BICOLR	INDIA	AKDARI	1	2	18	1	10		1	1	9			3	5	2	
175919	BICOLR	TURKY	MAL GIUNRA	5	3	27	1	11		1	1	1			1	1		
175920	BICOLR	TURKY		1	1	21	1	9		1	1	5			1	4	2	
175921	BICOLR	TURKY		1	3	27	5	11		1	1	1			1	5	3	
175921	BICOLR	TURKY		1	1	20	1	8		1	1	1			1	3	2	
176766	BICOLR	TURKY		1	3	27	1	11		1	1	1			1	3	2	
176767	BICOLR	TURKY		1	3	15	5	9		1	1	5			1	3	2	
177077	BICOLR	TURKY		1	1	18	1	8		2	2	1			3	4	3	
177078	BICOLR	TURKY	KCCADARI	1	2	21	9	9		1	1	1			1	4	2	
177079	BICOLR	TURKY	AKDARI	1	2	21	1	5										
177080	BICOLR	TURKY		1	1	25	5	8		3	5	1			1	5	2	
177158	BICOLR	TURKY		1	2	18	1	8		1	1	9			1	3	3	
177159	BICOLR	TURKY		1	2	19	1	10		2	1	5			1	3	3	
177160	BICOLR	TURKY		1	2	16	1	7		1	5	1			5	4	4	
177161	BICOLR	TURKY		1	1	22	1	9		1	1	1			4	4	3	
177162	BICOLR	TURKY		1	2	13	1	9		3	3	1			3	2	3	
177163	BICOLR	TURKY		1	2	19	9	11		2	5	5			4	2	3	
177164	BICOLR	TURKY		1	2	31	1	9		2	5	5			3	2	3	
177547	BICOLR	TURKY		1	3	13	5	7		2	1	1			3	3	5	
177548	BICOLR	TURKY		1	1	13	1	7		1	1	1			3	2	2	
177549	BICOLR	TURKY		1	3	30	1	7										
177550	BICOLR	TURKY		1	1	19	5			3	1	1			1	5	5	
177551	BICOLR	TURKY		1	1	12	1	9		1	1	1			1	1	1	
177552	BICOLR	TURKY	SYPUKKE	1	2	27	1	6		1	1	1			1	4	4	
177553	BICOLR	TURKY	AKDARI	1	1	26	5			1	5	9			1	4	3	
177554	BICOLR	TURKY		1	3	30	1	7		3	1	1			1	5	5	
179049	BICOLR	SYRIA		1	1	19	1			1	1	1			1	1	1	
179051	BICOLR	TURKY		1	2	11	9	11		1	1	1			1	4	3	
179052	BICOLR	TURKY	KCCADARI	5	3	24	1	10		2	1	1			1	4	3	
179053	BICOLR	TURKY		1	3	15	5	6		3	1	1			1	3	4	
179054	BICOLR	TURKY		1	2	15	1	13		1	2	2			4	4	3	
179501	BICOLR	TURKY		1	3	26	1	9		8	1	1			1	4	3	
179502	BICOLR	TURKY		1	1	26	1			1	1	5			1	5	4	

Plant Introduction No.	Species	Source	Cultivar or other identification	Maturity	Plant use	Plant height (dm)	Plant uniformity	No. nodes per plant	Lodging	Peduncle type	Head uniformity	Head compactness	Head exertion (cm)	Awns	Seed color	Gray leaf spot	Leaf blight	Anthraxnose
179503	BICOLR	TURKY	AKDARI	1	3	34	1	10		1	1	1	1		1	4	3	1
179504	BICOLR	TURKY	JUAR	1	2	15	1	11		2	5	5			3	4	2	1
179748	BICOLR	INDIA		1	1	18	1	11	1	2	5				3	4	1	2
179749	BICOLR	INDIA	JUAR	5	1	27	1	11	2	1	1	1	1	2	3	4	2	1
179750	BICOLR	INDIA	JUAR	1	2	21	1	10	2	2	1	5	1	2	3	3	1	1
180002	BICOLR	INDIA	JUAR	1	1	17	1	10	1	2	1	5	1		3	4	1	1
180003	BICOLR	INDIA	JUAR	1	2	15	1	10	1	1	1	5	10	1	3	4	1	2
180004	BICOLR	INDIA	JAWAR	1	2	14	1	7	2	1	1	5			3	4	1	1
180005	BICOLR	INDIA	JAWAR	5	1	20	9	8	3	3	1	9	1	2	3	4	1	2
180006	BICOLR	INDIA	JUAR	5	1	26	1	11	4	2	1	9	1	2	3	3	1	2
180007	BICOLR	INDIA	JUAR	5	1	27	1	11	1	3	1	9	1		3	3	1	2
180008	BICOLR	INDIA	JUAR	5	2	9	1	9	1	1	1	5			3	3	1	3
180009	BICOLR	INDIA	JUAR	5	1	27	1	12	1	2	1	9			3	3	1	3
180348	BICOLR	INDIA	JUAR	1	1	24	1	11	3	3	1	9	15	2	3	4	2	1
180487	BICOLR	INDIA	JUAR	9	1	37	9	13	3	3	1	9	15	2	3	4	2	1
180488	BICOLR	INDIA	JUAR	1	1	24	5	18	3	2	1	9	15	2	3	3	1	2
180489	BICOLR	INDIA	JUAR	5	1	27	1	16	1	3	1	9	15	2	3	3	3	9
181074	BICOLR	INDIA	RED JANPUR	5	1	27	1	13		3	1	9	15	2	2	3	3	9
181075	BICOLR	INDIA	RED TURI	1	1	26	1	10	2	3	1	9	1	2	2	4	3	2
181076	BICOLR	INDIA	SAURO KATH	1	1	33	1	14		2	1	9			3	4	2	2
181077	BICOLR	INDIA	DEPAR	1	1	27	1	11		2	1	9			3	3	2	9
181078	BICOLR	INDIA	ALLAKH	1	1	34	9	10		1	1	1		2	3	4		
181079	BICOLR	INDIA	ACHO KODRI	5	1	21	5	8		1		9		2	3			
181080	BICOLR	INDIA	HCNEY SORGHUM	1	1	23		12	2	1	1	1	14	2	1	4	2	2
181081	BICOLR	INDIA	BAGDAD	1	1	25	9	12		1	5	9			3	2	2	3
181082	BICOLR	INDIA	ACHI TURI	5	2	18	1	11	1	3	1	5		2	4	4	2	
181083	BICOLR	INDIA	KAMANDRI	1	1	19	1	9		1	1	5		2	3	3	3	3
181084	BICOLR	INDIA		5	1	34	9	10		3	1	5		2	3	4	2	2
181898	BICOLR	SYRIA		1	3	28	1	12	2	1	5	1	1	2	1	4	1	2
181899	BICOLR	SYRIA		1	1	20	1	9	2	1	1	1	1	2	1	4	3	3
182301	BICOLR	TURKY	GARISI	1	2	17	9	11	1	3	9	9	1	2	3	5	3	3
182302	BICOLR	TURKY	AKDARI	1	2	18	5	8	1	3	1	9	1	2	3	5	3	2
182303	BICOLR	TURKY	AKDARI	1	2	15	1	12		2	1	5			3	4	2	
193002	BICOLR	INDIA	JUAR	9	1	21	1	11		1	1	5			1			1
183085	BICOLR	INDIA		5	1					2					3			

183086	BICOLR	INDIA	JUAR	2	22	1	13	1	3	5	5	3	4	1	7
183148	BICOLR	INDIA	JUAR	5	1	1	17	1	2	5	9	3	4	1	7
183149	BICOLR	INDIA	JUAR	5	1	9	18	1	3	5	9	3	4	1	5
183422	BICOLR	INDIA	JUAR	1	2	9	11		1	1	5	2	3	2	7
183423	BICOLR	INDIA	JUAR	9	1	34	13		2	1	9				
183477	BICOLR	INDIA	JUAR	1	1	25	13					1	5	3	3
183478	BICOLR	INDIA	JUAR	1	1										
185606	BICOLR	EGYPT	BELADI	1	1										
185607	BICOLR	EGYPT	GIZE	1	1	24	13		3	5	9				
185673	BICOLP	INDIA		1	1	26	15		3			1	5	3	3
185674	BICOLR	INDIA		1	1							3	4	2	5
186991	BICOLR	URUG		1	2	18	9	2	1	5	3	1			
192875	BICOLR	INDIA	BIRDPROOF	1	2										
192876	BICOLR	INDIA	KATENCU	5	1	26	6	2	2	5	5	2	1	1	9
192877	BICOLR	INDIA	KLERKSDRCP RED	1	2	12	9	1	1	5	9	1	2	1	5
192878	BICOLR	INDO	WALANG	1	2	15	8		1	1	5	1	3	1	7
192879	BICOLR	INDO	ONTJER PADI	1	2	15	12		1	1	5	1	1	1	7
192880	BICOLR	INDO	PRETORIA	1	2	12	14		1	1	5	1	3	2	9
192978	BICOLR	W IND	BRAZ MELANGE	1	2	14	8		1	1	5	1	2	2	7
192979	BICOLR	W IND	MELANGES S 40	1	2	6	4	2	1	5	7	1	4	2	5
192980	BICOLR	W IND		1	2				1			2	5	2	5
193605	BICOLR	ETHI	NG. 8694	1	1	43						2	4	2	
193853	BICOLR	ETHI		9	1										
194353	BICOLR	ETHI	NG. 9419		38	1	11		1	1	9	3			
195039	BICOLR	ETHI	NG. 9436												
195042	BICOLP	ETHI													
195043	BICOLR	ETHI													
195044	BICOLR	ETHI													
195409	BICOLR	GUAT	NG. 2756												
195682	BICOLR	ETHI													
195683	BICOLR	ETHI	NG. 9547												
195684	BICOLR	ETHI													
195685	BICOLR	ETHI													
195686	BICOLR	ETHI	NO. 9597												
195687	BICOLR	ETHI													
195688	BICOLR	ETHI													
195754	BICOLR	CHINA	SHANTUNG	1	1	34	12		1	1	1	2	1	4	9
195755	BICOLR	CHINA		1	1	34	12		1	1	1	2	1	2	7
196045	BICOLR	ETHI													
196046	BICOLR	ETHI													
196048	BICOLR	ETHI		9	1	30	25		2	1	9				
196052	BICOLR	ETHI	NG. 9689												
196058	BICOLR	ETHI		9	1	33			1	1	9	1			
196066	BICOLR	ETHI	NG. 9820												
196892	BICOLR	ETHI	NG. 10089												
197050	BICOLR	NICAR		1	1								3	2	7

Plant introduction No.	Species	Source	Cultivar or other identification	Maturity	Plant use	Plant height (dm)	Plant uniformity	No. nodes per plant	Lodging	Peduncle type	Head uniformity	Head compactness	Head exertion (cm)	Awns	Seed color	Gray leaf spot	Leaf blight	Anthracnose
197467 198885	BICOLR BICOLR	ETHI AUSTL	MACHILA	1	2	12		6	2	1	5	5	5	1				
200758 200759 200761 201445 201449	BICOLR BICOLR BICOLR BICOLR BICOLR	ELSAL ELSAL GUAT INDIA INDIA	NO. 3391 3414 DURRA	5 5 9	1 1 1	25 34	1 1	16 15	5	1 2	1 5	5 9	5 10	1 2	4 4	2	2	9 5
202715 204631 204919 205230 206749	BICOLR BICOLR BICOLR BICOLR BICOLR	URUG TURKY TURKY TURKY TURKY		1 5 1 1 9	2 3 1 1 1	12 15 27 19 14		11 6 12 11 7	1 5 2 2 3	1		9 5 1	8 5 1 1 6	1 2 2 2 1	1 2 1 1 1	3 4 4 4	1 3 3 3	2 5 3
206750 206751 206994 206995 206996	BICOLR BICOLR BICOLR BICOLR BICOLR	TURKY TURKY TURKY TURKY TURKY		1 1 1 1 1	1 1 1 1 1	23 20 19 20	9	9 12 11 8 8	1 1 1 3 2			5	1 8 1 8 1	2 2 2 2 2	1 1 1 1 3	4 5 5 7 5	4 3 4 2 3	3 5 7 9 9
207973 208581 208708 208710 208713	BICOLR BICOLR BICOLR BICOLR BICOLR	ARGN INDIA ALGE ALGE ALGE	MEDIOCRE	1 9 1 1 5	2 1 1 1 1	20 37 15 24 34	1 1 1 1 1	14	1	1 2 1 1 1	1 1 1 1 1	5 9 1 5	10	1	3 4 3 1 1			5
208770 209513 209514 209588 209761	BICOLR BICOLR BICOLR BICOLR BICOLR	CUBA MEX MEX JAPAN SWAZ		1 1 1	2	18 15	5	7		1	1	1	1		4	2	2	9
209792 211633 211747 213029 213030	BICOLR BICOLR BICOLR BICOLR BICOLR	GER AFGH AFGH INDIA INDIA	NO. 13417	5 1 1	2 3 3	22 18 15	9 5 1	9 11 11	4	2 3 2	5 1 1	5 1 1	4 1 1	1	1			5 7
214178 214346	BICOLP BICOLR	INDIA INDIA		1	1	27	9	10		1	1	1	1	2				



215609	BICOLR	INDIA	1	1	20	10	2	13	1	3	3	2	5
215610	BICOLR	INDIA	1	1	20	7	3	15	2	1	3	2	3
215654	BICOLR	INDIA	1	1	20	7	3	15	2	1	3	2	3
215655	BICOLR	INDIA	1	1	20	7	3	15	2	1	3	2	3
217631	BICOLR	INDIA	1	1	27	14	2	3	1	1	4	2	7
217666	BICOLR	SUDAN	5	1	19	16	1	3	1	1	2	2	7
217669	BICOLR	SUDAN	5	1	40	15	3	1	1	1	2	2	7
217672	BICOLR	SUDAN	5	1	40	15	3	1	1	1	2	2	7
217674	BICOLR	SUDAN	1	1	17	17	2	1	1	3	2	1	7
217680	BICOLR	SUDAN	1	1	13	11	1	6	1	3	2	1	9
217681	BICOLR	SUDAN	5	1	15	17	2	1	1	3	2	1	9
217683	BICOLR	SUDAN	5	1	20	17	1	1	1	1	2	1	3
217684	BICOLR	SUDAN	5	1	37	15	1	10	1	2	2	1	3
217685	BICOLR	SUDAN	5	1	37	16	2	1	1	1	2	1	3
217688	BICOLR	SUDAN	5	1	24	14	2	5	1	1	2	2	5
217689	BICOLR	SUDAN	5	1	15	12	1	5	1	1	2	2	5
217691	BICOLR	SUDAN	5	1	34	16	2	10	1	1	2	2	5
217692	BICOLR	SUDAN	5	1	21	13	1	5	1	1	2	2	5
217694	BICOLR	SUDAN	5	1	20	11	2	1	1	1	2	2	5
217698	BICOLR	SUDAN	5	1	34	11	2	1	1	1	2	2	5
217702	BICOLR	SUDAN	5	1	24	13	3	13	1	2	2	2	5
217708	BICOLR	SUDAN	5	1	23	22	1	1	1	4	2	2	5
217710	BICOLR	SUDAN	5	1	17	22	1	1	1	1	2	2	2
217715	BICOLR	SUDAN	1	1	31	11	1	1	1	3	2	2	2
217718	BICOLR	SUDAN	5	1	17	15	1	1	1	1	2	1	3
217719	BICOLR	SUDAN	5	1	20	18	1	5	1	4	2	1	3
217721	BICOLR	SUDAN	5	1	18	19	2	1	1	1	2	1	2
217722	BICOLR	SUDAN	5	1	19	16	2	1	1	1	2	1	2
217725	BICOLR	SUDAN	9	1	24	12	4	1	1	1	2	1	2
217727	BICOLR	SUDAN	1	1	16	8	1	1	1	3	5	1	2
217729	BICOLR	SUDAN	1	1	15	21	2	3	1	4	2	2	3
217737	BICOLR	SUDAN	1	1	27	14	1	1	1	1	2	2	3
217748	BICOLR	SUDAN	1	2	15	9	1	8	1	3	5	2	3
217754	BICOLR	SUDAN	5	5	15	14	4	5	1	4	2	2	3
217759	BICOLR	SUDAN	5	5	18	17	1	5	1	3	4	2	3
217760	BICOLR	SUDAN	1	1	15	16	2	8	1	3	4	2	3
217761	BICOLR	SUDAN	9	1	40	13	1	1	1	3	4	2	3
217764	BICOLR	SUDAN	9	1	21	15	2	1	1	1	2	1	3
217765	BICOLR	SUDAN	1	2	10	6	2	8	1	3	5	1	3
217766	BICOLR	SUDAN	1	1	14	16	1	1	1	1	2	1	3
217768	BICOLR	SUDAN	1	1	14	16	1	1	1	1	2	1	3
217769	BICOLR	SUDAN	1	1	14	16	1	1	1	1	2	1	3
217770	BICOLR	SUDAN	5	1	20	24	2	1	1	1	2	1	3
217777	BICOLR	SUDAN	5	1	35	19	2	1	1	1	2	1	3

Plant introduction No.	Species	Source	Cultivar or other identification	Maturity	Plant use	Plant height (dm)	Plant uniformity	No. nodes per plant	Lodging	Peduncle type	Head uniformity	Head compactness	Head exertion (cm)	Awns	Seed color	Gray leaf spot	Leaf blight	Anthracnose
217778	BICOLR	SUDAN	QUERY B	5	1	20	1	16	1	1	1	5	1	1	1	3	1	4
217780	BICOLR	SUDAN	WAR YABIS	5	1	34		14		1	1	6		1				
217781	BICOLR	SUDAN		5	1	18		12		1	1			1				
217782	BICOLR	SUDAN	KORJAJ	5	2	37		15	1	1	1	9	5	1	3	2	1	4
217783	BICOLR	SUDAN	GASSARI	5	1	12		17	1	1	1	5	5	1	3	2	1	3
217784	BICOLR	SUDAN	AKEDKWT	5	2	15		20	2	1			1	1	3	4	2	3
217788	BICOLR	SUDAN		5	1	11		22	2	1			1	1	1			
217790	BICOLR	SUDAN		5	2	11		22	2	1			1	1	1			
217791	BICOLR	SUDAN	WAD AKR 2	1	1	34		14	1	1	1	5	1	1	1			3
217793	BICOLR	SUDAN	MONSHAL	5	1	24		17	1	1	1	5	1	1	3	2		6
217797	BICOLR	SUDAN	EL ROBLE	5	1	17		20	2	1	1		1	1	1	2	1	3
217798	BICOLR	SUDAN	LWEL KOCHING	5	1	17		20	3	1	1	9	1	1	3	2	1	3
217799	BICOLR	SUDAN	HEGERI SEIFI	5	1	18		20					1	1	1			
217800	BICOLR	SUDAN	DW MANAGIL	1	1	15		6	2	1	1	5	1	1	1	2	1	2
217803	BICOLR	SUDAN	NAGAD	5	1	10		23	2	1	1	5	8	1	3			
217806	BICOLR	SUDAN	GASABI KHAFIF	5	2	15		9						1	1	2		
217808	BICOLR	SUDAN	MERESE	5	2	12		15	2				5	1	4	2	2	5
217812	BICOLR	SUDAN	DURA EL SAKI	5	2	12												
217816	BICOLR	SUDAN	AKLAMOI RFD	9	1	27		17	2		1	9		1	2			5
217822	BICOLR	SUDAN	RUBAI	9	1	27		21		1	1	5		1	2			5
217824	BICOLR	SUDAN	ABONGUUA	9	1	27		13		1	1	5		1	2	2	2	9
217826	BICOLR	SUDAN	GONIB	5	1	21		11	1	1	1	1	1	1	3	2	1	3
217829	BICOLR	SUDAN	MUCHASH WHITE	5	2	12		16	2				1	1	3			
217831	BICOLR	SUDAN	SHALSHALI	1	1	24		9		1	1	5		1				
217833	BICOLR	SUDAN	ABU DIGAIS	5	2	11		12		1	1	5		1				
217837	BICOLR	SUDAN	LWALLI WHITE	1	2	16		19	2	1	1		1	1	3	4	2	3
217838	BICOLR	SUDAN	FAYDUMI	1	2	14		14	3					1	3	5		
217839	BICOLR	SUDAN	KURGI	1	2									1				
217840	BICOLR	SUDAN	AKLAMOI WHITE	5	2	18		24	2	1	1	5	3	2	3	4	2	9
217841	BICOLR	SUDAN	SHENDI	1	2	21		7	1	1	1	5	3	1	3	5	2	3
217842	BICOLR	SUDAN	ABDEL MAGID	1	2	15		7	2	1	5		3	1	3	5	2	
217855	BICOLR	SUDAN	AGIRA	5	2	18		21	4				1	1	1	2	2	3
217858	BICOLR	SUDAN		5	1	26		17	3				1	1	2			
217865	BICOLR	SUDAN	ADIGO	9	1	34		15		1	1	5			4			7
217869	BICOLR	SUDAN	WARAMARA															

217876	BICOLR	SUDAN	MANAWAN	15	2	18	2	1	1	1	1	3	2	5
217879	BICOLR	SUDAN	THOK GREY	17	2	19	1					1	1	5
217881	BICOLR	SUDAN	MAI WAL	40	1	10						1	2	5
217890	BICOLR	SUDAN	ABU DIREANA	15	2	7	2	1	1	1	1	3	1	3
217891	BICOLR	SUDAN	GESHEISH	14	2	6	2					8	5	3
217892	BICOLR	SUDAN	LEUGBASH	13	2	17	2					1	4	3
217893	BICOLR	SUDAN	DUNDAWI	18	1	14	1					5	2	3
217894	BICOLR	INDG										3	1	2
217895	BICOLR	INDG		11	2	6	1	1	1	1	1	1	4	9
217896	BICOLR	INDG		34	1	12	1	1	1	1	2	1	2	9
217897	BICOLR	INDG		18	1	13	2					8	3	7
217899	BICOLR	INDG		27	1	7	2					5	3	2
218112	BICOLR	PAK		18	2	17	1	2	1	5	1	4	5	7
219710	BICOLR	PAK												
219759	BICOLR	S AFR		31	1	11	4	1	1	1	1	4	3	7
220248	BICOLR	SICLY		25	1	11	2	1	1	1	2	1	4	9
220405	BICOLR	AFGH		15	1	11	2	1	1	5	2	1	5	7
220636	BICOLR	AFGH		24	1	10	1					8	2	9
220761	BICOLR	RHOD												
221537	BICOLR	NIGIA	JAN JARE	31	1	12	1	1	1	1	1	1		
221538	BICOLR	NIGIA	KAKIN GANIN	34	1	26	1	2	1	5	2	2		
221539	BICOLR	NIGIA	WANKE	43	1	16	1	1	1	1	1	4	2	
221540	BICOLR	NIGIA	ALHAJI	23	1	16	1	1	1	5	2	2		
221541	BICOLR	NIGIA	KAURA	31	1	14	1	1	1	1	2	2	1	9
221542	BICOLR	NIGIA	TALL ABANNI	19	1	17	1	1	1	1	2	2	3	
221543	BICOLR	NIGIA	YAR BAURA								8	2	2	3
221544	BICOLR	NIGIA	YAR DARARA											
221546	BICOLR	NIGIA	MALLE	34	1	18	1	1	1	1	2	2	1	9
221547	BICOLR	NIGIA	YAR INIWA	22	1	22	2	1			8	2	1	3
221548	BICOLR	NIGIA	AJEBICHINKA	34	1	12		1	1	5	2	1	1	
221549	BICOLR	NIGIA	KWAF BIYU								1	2	1	3
221550	BICOLR	NIGIA	FARAFARA											
221553	BICOLR	NIGIA	FARAR JAN JARE	37	1	14	1	1	1	5	1	3		
221554	BICOLR	NIGIA	AISA AISA	16	1									
221555	BICOLR	NIGIA	DALI WADA								4	2	1	3
221556	BICOLR	NIGIA	KIKALMAYO	34	1	18	2	1	1	5	1	4	2	1
221557	BICOLR	NIGIA	CHARGE	24	1	22				9				
221558	BICOLR	NIGIA												
221559	BICOLR	NIGIA	JIJARI	37	1	17	1	1	1	5	1	1	1	
221560	BICOLR	NIGIA	BALAKA	37	1	13	1	1	1	5	5	1	1	
221561	BICOLR	NIGIA	CHAKALARI		1									
221562	BICOLR	NIGIA	CHAKALARI	37	1	16	1	1	1	9	4	4	1	
221563	BICOLR	NIGIA	MARE	37	1	16	1	1	1	9	1	1	1	
221564	BICOLR	NIGIA	GOWD											
221565	BICOLR	NIGIA	AGANCHI											
221566	BICOLR	NIGIA	LAKITA DAI FIKI											

Plant introduction No.	Species	Source	Cultivar or other identification	Maturity	Plant use	Plant height (dm)	Plant uniformity	No. nodes per plant	Lodging	Peduncle type	Head uniformity	Head compactness	Head exsertion (cm)	Awns	Seed color	Gray leaf spot	Leaf blight	Anthracnose
221567	BICOLR	NIGIA	WAMEN DAYA															
221568	BICOLR	NIGIA	FARAFARA															
221569	BICOLR	NIGIA	KAURA															
221570	BICOLR	NIGIA	KAURA															
221571	BICOLR	NIGIA	FARAFARA															
221572	BICOLR	NIGIA	KAURA															
221574	BICOLR	NIGIA	SHE TO															
221575	BICOLR	NIGIA	YAR BAZANGA															
221576	BICOLR	NIGIA	YAR KAWARI															
221577	BICOLR	NIGIA	YAR MAIMAJE															
221579	BICOLR	NIGIA	KAKI JIMIN BUZU															
221580	BICOLR	NIGIA	GARJIN															
221581	BICOLR	NIGIA	BUTURI HUTA															
221582	BICOLR	NIGIA	YAR MAEINA															
221585	BICOLR	NIGIA	MAIMALUKA															
221587	BICOLR	NIGIA	YAR GARKAU															
221589	BICOLR	NIGIA	AGALATE															
221590	BICOLR	NIGIA	ABAWA															
221592	BICOLR	NIGIA	YAR GARKAU															
221593	BICOLR	NIGIA	BANUFA															
221595	BICOLR	NIGIA	FARAFARA															
221596	BICOLR	NIGIA	GAGARA DAWAKI															
221597	BICOLR	NIGIA	GARKAU															
221598	BICOLR	NIGIA	YAR GARLAU															
221599	BICOLR	NIGIA	RABA															
221600	BICOLR	NIGIA	MATA															
221601	BICOLR	NIGIA	FARU															
221602	BICOLR	NIGIA	FARAFARA															
221604	BICOLR	NIGIA	MANGU															
221605	BICOLR	NIGIA	WARUGU															
221606	BICOLR	NIGIA	KARUGU															
221607	BICOLR	NIGIA	PETU															
221608	BICOLR	NIGIA	9E															
221609	BICOLR	NIGIA	JAJARI															



221610	BICOLR	NIGIA	NUNAHA	5	1	16	16	2	9	1	1	1	2	2	5
221611	BICOLR	NIGIA	BELKO												
221612	BICOLR	NIGIA	JAJEBOJUID TUMA												
221613	BICOLR	NIGIA	FARAFARA	5	1	31	1	12	1	1	1	1	3		
221617	BICOLR	NIGIA	TARANNI												
221618	BICOLR	NIGIA	ZABOO												
221619	BICOLR	NIGIA	KAURA												
221620	BICOLR	NIGIA	SHORT SEASON												
221621	BICOLR	NIGIA	GWANA	5	1	34	1	12	1	1	1	1	1		
221622	BICOLR	NIGIA	MASAKWA												
221624	BICOLR	NIGIA	MORI WHITE GLUME												
221625	BICOLR	NIGIA	MORI RED GLUME												
221626	BICOLR	NIGIA	FARAFARA WH. GLUME												
221627	BICOLR	NIGIA	FARAFARA EK. GLUME												
221628	BICOLR	NIGIA	AGYAN BLACK GLUME												
221630	BICOLR	NIGIA	MAKAKO												
221631	BICOLR	NIGIA	GOGARA DAWAKI												
221632	BICOLR	NIGIA													
221633	BICOLR	NIGIA	TAGWAYE												
221635	BICOLR	NIGIA	ZAGO												
221638	BICOLR	NIGIA	FARIN KWANG	9	1	34	5	22	2	1	5	3	2	1	3
221648	BICOLR	NIGIA	JAN DAWA												
221649	BICOLR	NIGIA	JAN MORI												
221650	BICOLR	NIGIA	GAKE												
221651	BICOLR	NIGIA	UWARETE												
221653	BICOLR	NIGIA	KPUGIGRE												
221654	BICOLR	NIGIA	SWEIGARKING												
221655	BICOLR	NIGIA	UWAPETE	5	1	30	1	20	1	1	1	5	1	2	3
221656	BICOLR	NIGIA	RED BONKUM												
221657	BICOLR	NIGIA	MUR BAN	5	2	9	9	14	1	1	1	5	4	2	2
221659	BICOLR	NIGIA	FITSARIN DAKI												
221660	BICOLR	NIGIA	WHITE BONKUM												
221661	BICOLR	NIGIA	OGARGBO												
221662	BICOLR	NIGIA	BONKUM												
221664	BICOLR	NIGIA	NYNT KAMBIBID												
221666	BICOLR	NIGIA	BONKUM NUMANA												
221667	BICOLR	NIGIA	BONKUM MAIT SABA												
221671	BICOLR	NIGIA	ISWI EMICHI	5	2	14	3	1	1	1	1	5	4		
221673	BICOLR	NIGIA	AKUKI												
221674	BICOLR	NIGIA	FARIN KAURA INUWA												
221678	BICOLR	NIGIA	RUGUZA												
221679	BICOLR	NIGIA	GWANA												
221680	BICOLR	NIGIA	WADE HELA												
221682	BICOLR	NIGIA	IDAH												
221683	BICOLR	NIGIA	KAVI-RUNDU	1			1								
221685	BICOLR	NIGIA	YAN ALIKA	5	1	13		21	2	1	1	1	2	2	3

Plant introduction No.	Species	Source	Cultivar or other identification	Maturity	Plant use	Plant height (dm)	Plant uniformity	No. nodes per plant	Lodging	Peduncle type	Head uniformity	Head compactness	Head exsertion (cm)	Awns	Seed color	Gray leaf spot	Leaf blight	Anthraxnose
221686	BICOLR	NIGIA	MASAKWA-AJAGAMA															
221687	BICOLP	NIGIA	SCSAK															
221713	BICOLR	S AFR		5	2	17	1	12		1	1	5			3			5
221719	BICOLR	S AFR		5	1	19		15	3				3	1	1	1	3	3
221720	BICOLR	S AFR		5	1	21		17	2				3	1	1	2	2	5
221721	BICOLR	S AFR																
221722	BICOLP	S AFR																
221723	BICOLR	S AFR		5	1	15		19	2	1			3	1	1	2	2	3
221724	BICOLR	S AFR		5	2	13		8	2	1	1	5	3	1	1	4	1	3
221725	BICOLP	S AFR		1	3	7	1	11	1	1	1	5	3	1	3	5	1	7
221726	BICOLR	S AFR		1	2	10	9	11	1	1	9	5	20	1	1	4	1	3
221727	BICOLR	S AFR		1	2	13		11	1	1				1	1	4	1	3
221728	BICOLP	S AFR		1	2	7	1	15	1	1	1	9	3	1	1	4	2	2
222835	BICOLR	IRAN		5	1	21	1	8	1	1	1	9	3	1	1	4	2	2
223414	BICOLR	AFGH		1	3	19		14	2				8	2	1	5	3	7
223535	BICOLR	INDIA		1	2	13		14	3				3	1	1	3	2	5
223719	BICOLR	INDIA		1	1	15		9	2				5	1	3	4	1	2
223819	BICOLR	AFGH		1	3	17									1	5	1	7
225906	BICOLR	RHOD																
226097	BICOLR	KENYA																
226569	BICOLP	ETHI																
226570	BICOLR	ETHI																
226845	BICOLP	SUDAN		1	3	20	1	10		2	1	1	3	2	3	5	1	3
2228316	BICOLR	KENYA																
2228317	BICOLR	KENYA	MARTIN	1	2	3	5	8	1	1		9	3	1	1	3	1	5
2228318	BICOLR	KENYA		5	1	31		11		1	1	9	15	1	1			
2229828	BICOLP	S AFR																
229829	BICOLR	S AFR	BIRDPOOF	1	2	11		13	2				3	1	1	3	2	3
229830	BICOLR	S AFR		1	1	10		14	2				10	1	1	3	1	5
229831	BICOLR	S AFR	EARLY SUMAC	1	1	12		10	1				8	1	1	3	1	3
229835	BICOLR	S AFR		1	1	13		15	2				3	1	3	3	2	5
229836	BICOLR	S AFR		5	1	21		16	1				3	1	3	2	2	5
229837	BICOLR	S AFR		9	1	34	5	14	1	1		1	3	1	1	2	1	2
229838	BICOLR	S AFR		1	1	17												

229839	BICOLR	S AFR	9	1	27	1	11	1	1	1	5	1	1	2	1	5	2
229841	BICOLR	S AFR	5	1	18		13										
229844	BICOLR	S AFR															
229846	BICOLR	S AFR	1	2	13	1	13	1	1	1	9	1	1	2	1	5	5
229847	BICOLR	S AFR	5	1	31		15	1						2	2	5	5
229848	BICOLR	S AFR	1	1	15		15	1						2	2	5	5
229850	BICOLF	S AFP	5	1	18		15	2						1	2	5	5
229851	BICOLR	S AFR	5	1	23		13	1							2	5	5
229852	BICOLR	S AFR	1	2	16		16	1						2	3	3	3
229853	BICOLR	S AFR	1	2	12		15	1						2	2	3	3
229854	BICOLR	S AFR	1	2	13		14	1						2	2	3	3
229855	BICOLR	S AFR	1	1	17		13	1						3	2	5	5
229856	BICOLP	S AFR	1	1	21		15	1						2	2	5	5
229857	BICOLP	S AFR	1	1	15		13	1						2	2	3	3
229858	BICOLR	S AFR	1	2	9		13	1						2	1	5	5
229859	BICOLR	S AFR	1	2	15	1	9		1	1	5			2	1		
229860	BICOLR	S AFR	1	2	13		14	1						2	2		
229861	BICOLR	S AFR	1	2	15	1	8		1	1	5			2	2		
229862	BICOLR	S AFR	5	2	12		7	1	1	1	5						
229863	BICOLR	S AFR	1	2	13		14	1						2	1		
229864	BICOLR	S AFR	1	2	11		13	2	1	1	9			2	1		
229865	BICOLR	S AFR	1	2	11		13	1	1	1	9			2	1		
229866	BICOLR	S AFR	1	2	11		13	1	1	1	9			2	1		
229867	BICOLR	S AFR	1	1	14		15	1						2	2	3	3
229869	BICOLR	S AFR	1	2	10		15	1	1	1	5			2	1	5	5
229870	BICOLR	S AFR	1	2	13		13	1	1	4	3			2	1	3	3
229871	BICOLR	S AFR	1	2	10		11	1	1	1	5			3	1	5	5
229872	BICOLR	S AFR	1	2	10		13	1	1	1	5			3	1	5	5
229873	BICOLR	S AFR	1	2	10		13	1	1	1	9			3	2	3	3
229874	BICOLR	S AFR	1	2	8		15	1	1	1	9			2	2	7	7
229875	BICOLR	S AFR	1	2	8		11	1	1	1	1			3	1	5	5
229876	BICOLR	S AFR	1	2	8		11	1	1	1	1			4	1	3	3
229877	BICOLR	S AFR	1	2	9		13	1	1	1	5			3	2	5	5
229879	BICOLR	S AFR	1	2	9				1		9			4	1	3	3
232938	BICOLR	HUNG		3	12						9			5	2	7	7
232939	BICOLR	HUNG	1	1	24	1	11		2		5			3	3	7	7
234456	BICOLR	INDIA	1	2	19												
235614	BICOLR	INDIA	1	2	19												
236277	BICOLR	AUSTL	1	2	9		9		1	1	5						
236278	BICOLR	AUSTL	1	2	8				1	1	1			4	2	3	3
236279	BICOLR	AUSTL	1	2	7				1	1	1			3	2	9	9
236280	BICOLR	AUSTL	1	2	12				1	1	5				2	5	5
236281	BICOLR	AUSTL	1	2	7				1	1	1			3	1	7	7
236282	BICOLR	AUSTL	1	2	12		9		1	1	1						
236283	BICOLR	AUSTL	1	2	12		8		1	1	1			3	2	7	7
236284	BICOLR	AUSTL	1	2	12		10		1	1	1			3	2	7	7

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236285	BICOLR	AUSTL		1	2	2	5	11	1	1	1	1	1	1	2	3	2	1
236286	BICOLR	AUSTL		1	2	7	1	10	1	1	1	1	1	2	2	3	2	1
236287	BICOLR	AUSTL		1	2	7	1	10	1	1	1	1	1	2	2	4	2	3
236288	BICOLR	AUSTL		1	2	7	1	10	1	1	1	1	1	2	2	4	2	3
236289	BICOLR	AUSTL		1	2	7	1	10	1	1	1	1	1	2	2	4	2	3
236290	BICOLR	AUSTL		1	2	7	1	10	1	1	1	1	1	2	2	4	2	3
236291	BICOLR	AUSTL		1	2	7	1	10	1	1	1	1	1	2	2	4	2	3
236292	BICOLR	AUSTL		1	2	10	5	12	1	1	1	1	20	2	2	3	2	5
236293	BICOLR	AUSTL		1	2	8	1	9	1	1	1	1	5	2	1	3	2	5
236294	BICOLR	AUSTL		1	2	6	1	6	1	1	1	1	5	2	1	3	2	5
236295	BICOLR	AUSTL		1	2	6	1	6	1	1	1	1	5	2	1	3	2	5
236296	BICOLR	AUSTL		1	2	6	1	6	1	1	1	1	5	2	1	3	2	5
236297	BICOLR	AUSTL		1	2	9	1	9	1	1	1	1	3	2	2	3	2	7
239439	BICOLR	S AFR		1	2	12	1	13	1	1	1	1	1	1	1	3	2	5
239440	BICOLR	S AFR		1	2	18	5	9	1	1	1	1	1	1	1	3	2	5
239441	BICOLR	S AFR		1	2	18	1	10	1	1	1	1	1	1	1	3	2	5
240657	BICOLR	LIBYA		1	2	18	1	10	1	1	1	1	1	1	1	3	2	5
241566	BICOLR	N GUI		1	1	40				1		1						
243921	BICOLR	INDIA		1	1													
243922	BICOLR	INDIA		1	1													
243923	BICOLR	INDIA		1	1													
243925	BICOLR	INDIA	5 1	1	1													
243926	BICOLR	INDIA		1	1	34	5	10	1	1	1	1			4			7
243927	BICOLR	INDIA		1	1													
243931	BICOLR	INDIA		1	1													
243932	BICOLR	INDIA		1	1													
243933	BICOLR	INDIA		1	1													
243934	BICOLR	INDIA		1	1													
244057	BICOLR	AFR		1	1													
244087	BICOLR	JORDN		1	1	27	1	15	1	1	1	1	25	2	1			
246592	BICOLR	USSR		1	1	27	1	16	1	1	1	1	25	2	1			
246593	BICOLR	USSR		1	1													
246594	BICOLR	USSR		1	1	37	5	15	2	1	1	1						
246595	BICOLR	USSR		1	2	16		16	2	3	1	1	5	2	1	3	2	3
246690	BICOLR	INDIA	SACCHARATUM	1	2										4			



246691	INDIA	BICOLR	INDIA	1	1	21	5	9	3	1	1	5	1	2	3	2	2	5
246692	INDIA	BICOLR	INDIA	1	5	15		27						1	3			
246693	INDIA	BICOLR	INDIA															
246694	INDIA	BICOLR	INDIA	1	3	27	1	8	2	2	1	1	2	2	1	3	5	3
246696	INDIA	BICOLR	INDIA	1	1	18		20	2				1	2	2	2	5	5
246697	INDIA	BICOLR	INDIA	5	2	19	5	16	4	1	1	1	2	2	4	2	4	
246698	INDIA	BICOLR	INDIA	1	1	21		8					1	2	1			
246699	INDIA	BICOLR	INDIA	1	2	12		11	2				10	2	1	3	2	1
246700	INDIA	BICOLR	INDIA	1	2	16	9	9	3	2	1	9	5	2	1	5	2	9
246701	INDIA	BICOLR	INDIA	1	2	16		10	3				5	2	1	5	1	1
246702	INDIA	BICOLR	INDIA	5	1	23		17	4				1	2	3	2	1	2
246704	INDIA	BICOLR	INDIA															
246707	INDIA	BICOLR	INDIA	5	1	24	1	9	2	1	1	1	20	1	3	4	1	5
246708	INDIA	BICOLR	INDIA	1	2	12		11	2	1		9	8	2	1	2	2	3
246711	INDIA	BICOLR	INDIA	1	2	12		17	3				1	2	1	4	2	5
246712	INDIA	BICOLR	INDIA	1	2	22		21	4				1	2	3	3	7	5
246713	INDIA	BICOLR	INDIA	1	2	14		15	2				1	2	3	4	2	3
246716	INDIA	BICOLR	INDIA	1	2	21	9	17	2	1	1		1	2	1	2	1	5
246717	INDIA	BICOLR	INDIA	9	1	24		13				9		2	4	2	1	
246719	INDIA	BICOLR	INDIA	5	5	21									4	3	1	1
246720	INDIA	BICOLR	INDIA	1	1	14									4	5	2	7
246722	INDIA	BICOLR	INDIA	1	2	19		17	4				5	2	1	5	1	3
246723	INDIA	BICOLR	INDIA	1	2	20		15	5				1	2	4	5	1	7
246725	INDIA	BICOLR	INDIA	5	2	21		20	2				1	2	4	5	1	
248262	INDIA	BICOLR	INDIA	9	1	34	1	9		2	1	9		2	4	4	2	3
248263	INDIA	BICOLR	INDIA	1	2	17	9	14	2	3	1	9		2	4	4	1	1
248266	INDIA	BICOLR	INDIA															
248267	INDIA	BICOLR	INDIA	1	2	18									4	2	2	5
248268	INDIA	BICOLR	INDIA	5	1	18	1	6		1	1	1		2	4	2	1	2
248270	INDIA	BICOLR	INDIA	1	1	18									4	2	2	
248271	INDIA	BICOLR	INDIA	1	1	15	5	11		1	1	1		2	3	2	2	
248272	INDIA	BICOLR	INDIA	5	1	37									4	2	2	
248274	INDIA	BICOLR	INDIA															
248277	INDIA	BICOLR	INDIA	5	1	24	1	11		2	1	1		2	3	3	2	7
248281	INDIA	BICOLR	INDIA	1	2	14									4	2	1	3
248282	INDIA	BICOLR	INDIA	5	2	15									1	1	1	7
248288	INDIA	BICOLR	INDIA	5	2	20									4	2	2	5
248288	INDIA	BICOLR	INDIA			16									4	2		
248289	INDIA	BICOLR	INDIA															
248290	INDIA	BICOLR	INDIA	5	1	37	1	10		2	1	1		2	3	2	2	5
248298	INDIA	BICOLR	INDIA	1	2	11									4	2	2	3
248299	INDIA	BICOLR	INDIA	1	1	14									1	2	1	2
248305	INDIA	BICOLR	INDIA	1	2	13									1	2	2	7
248305	INDIA	BICOLR	INDIA	1	2	12									1	2	2	
248306	INDIA	BICOLR	INDIA															
248309	INDIA	BICOLR	INDIA															
248315	INDIA	BICOLR	INDIA	5	1	31	1	12		1	1	9	1	2	1	1	2	1
248323	INDIA	BICOLR	INDIA	5	2	14	1	15	2	1	1	9			1	2	2	3
248323	INDIA	BICOLR	INDIA	1	2	15												

Plant introduction No.	Species	Source	Cultivar or other identification	Maturity	Plant use	Plant height (dm)	Plant uniformity	No. nodes per plant	Lodging	Peduncle type	Head uniformity	Head compactness	Head exertion (cm)	Awns	Seed color	Gray leaf spot	Leaf blight	Anthraxnose
248324	BICOLR	INDIA		1	1	18		9	1				1	2	1	3	3	5
248325	BICOLR	INDIA		1	1	15		9	3				1	1	1	2	3	5
248326	BICOLR	INDIA		1	1	34		6		1	1	1	1	1	1			5
248327	BICOLR	INDIA		1	1	17		6	2	1	1	1	1	1	1	2	3	5
248989	BICOLR	INDIA		1	1	17		6										5
250033	BICOLR	IRAN		5	1	24		10	4	3	1	5			3			5
250230	BICOLR	PAK		1	2	15		7	4	1	5	5	25		3		1	5
250231	BICOLR	PAK		1	1	24		12	1	2	1	5	25	2	1		1	5
250232	BICOLR	PAK		5	1	31		10	1	2	1	5	5		1			5
250233	BICOLR	PAK		1	1	24		10	1	3	1	5	10		1			5
250234	BICOLR	PAK		1	2	19		13	1	1	1	5	25		1			5
250402	BICOLR	PAK		1	1	15		7	1	1	5	5	25		1		3	5
250403	BICOLR	PAK		1	1	19		8	1	1	1	5	8	2	1			5
250404	BICOLR	PAK		1	1	17		8	1	1	1	5	8		1			5
250405	BICOLR	PAK		1	2	19		9	1	3	1	5	8		1			5
250406	BICOLR	PAK		5	1	27		13	2	2	1	5	8		3			5
250520	BICOLR	INDIA		5	1	31		13	1	3	1	5			3			5
250521	BICOLR	INDIA		5	1	24		10	1	2	1	5	5	1	3			5
250581	BICOLR	EGYPT		1	1	31		11	1	2	1	5	5		1			5
250582	BICOLR	EGYPT		1	1	31		8	1	2	1	5			3			5
250583	BICOLR	EGYPT		1	1	31		8	1	2	1	5			3			5
250750	BICOLR	IRAN		1	1	24		10	2	1	1	5	5		1			5
250896	BICOLR	IRAN		1	1	27		11	2	3	1	5	5		3			5
250897	BICOLR	IRAN		5	1	31			4	2	1	9	20		3			5
250898	BICOLR	IRAN		5	1	31												5
251672	BICOLR	YUGO																
253630	BICOLR	INDIA		5	1	24		13		2	1	9	15	2	3			5
253631	BICOLR	INDIA		5	1	37		11		2	1	9		2	3			5
253632	BICOLR	INDIA		5	1	21				1		5			4			5
253633	BICOLR	INDIA		5	1	21												5
253634	BICOLR	INDIA																
253635	BICOLR	INDIA		5	1	21		10		3	1	9		2	4			5
253637	BICOLR	INDIA		1	2	18		9	1	1	1	5	20	1	2			5
253640	BICOLR	INDIA		1	2	13		10		1	1	9			2			5

253641	BICOLR	INDIA	1	2	15	5	7	1	2	1	1	5	10	3	7
253642	BICOLR	INDIA	1	2	14	9	9	1	1	1	1	5	25	2	9
253643	BICOLR	INDIA	1	2	12	9	9	1	2	2	1	5	13	2	9
253644	BICOLR	INDIA	5	1	27	5	15	1	2	2	1	9	13	3	7
253795	BICOLR	IRAQ	1	1	13	5	9	1	2	2	1	9	20	3	7
253796	BICOLR	IRAQ	1	1	23	5	8	1	2	3	1	9	20	3	7
253986	BICOLR	SYRIA	1	1	20	9	9		2	2	1	5	2	3	7
255235	BICOLR	MEX	5	1	27	1	13	4	1	1	1	5	15	1	7
255348	BICOLR	CEYL													
255740	BICOLR	TURKY	5	2	15	9		4	2	1	1	9	1	1	9
255741	BICOLR	TURKY	9	1	24	5		1	1	1	1	9	1	1	9
255742	BICOLR	TURKY	5	1	15	9	7	4	2	1	1	9	1	1	9
255743	BICOLR	TURKY													
255744	BICOLR	AFGH	1	1	17	5	11	4	1	1	1	5	5	3	7
255963	BICOLR	ETHI	5	1	25	5	12	1	1	1	1	9	15	4	9
257293	BICOLR	ARGN	9	1	24	1	9	1	1	1	1	5	15	1	1
257294	BICOLR	ARGN	1	2	13	5	10		1	1	5	5	5	1	9
257295	BICOLR	ARGN	1	1	24	5	9		1	1	1	1	15	1	
257296	BICOLR	ARGN													
257298	BICOLR	ARGN	1	2	19	1	13	1	1	1	1	9	8	1	9
257299	BICOLR	ARGN	5	1	27	9	11		1	1	1	5		1	1
257300	BICOLR	ARGN	5	1	18	1	13		1	1	1	5		1	1
257301	BICOLR	ARGN	5	2	12	5	7	1	1	1	5	9	5	1	
257302	BICOLR	ARGN													
257304	BICOLR	ARGN													
257305	BICOLR	ARGN	5	2	30	5	13	1	1	1	5	9	7	1	9
257306	BICOLR	ARGN	5	2	20	5	12	2	1	1	5	5		1	7
257307	BICOLR	ARGN	5	1	37	5	14		1	1	1	5		1	
257309	BICOLR	ARGN	5	2	21	5	13	1	1	1	5	5	6	1	7
257310	BICOLR	ARGN	5	2	22	5	14	1	1	1	5	5	6	1	7
257311	BICOLR	ARGN	5	2	20	9	13	1	1	1	5	9	2	1	7
257312	BICOLR	ARGN													
257314	BICOLR	ARGN	1	1	40	5	16		1	1	9	1	2	2	
257316	BICOLR	ARGN	1	1	17	1	13		1	1	1	5	1	1	
257317	BICOLR	ARGN													
257318	BICOLR	ARGN	1	1	17	1	10		1	1	1	5	1	1	7
257319	BICOLR	ARGN	9	1	24	1	14		1	1	1	1	1	1	
257322	BICOLR	ARGN	1	1	21	5	11	1	1	1	1	9	20	1	7
257324	BICOLR	ARGN	1	1	18	1	8		1	1	1	5	1	1	7
257325	BICOLR	ARGN	1	1	21	1	10	4	1	1	1	5	10	1	7
257326	BICOLR	ARGN	1	1	24	1	10	2	1	1	1	5	20	2	1
257595	BICOLR	ETHI													
257596	BICOLR	ETHI													
257597	BICOLR	ETHI													
257599	BICOLR	ETHI	5	1	21	5	13		1	1	1	5		3	3
257600	BICOLR	ETHI	5	1	21	1	12		1	1	1	5		3	1

Plant introduction No.	Species	Source	Cultivar or other identification	Maturity	Plant use	Plant height (dm)	Plant uniformity	No. nodes per plant	Lodging	Peduncle type	Head uniformity	Head compactness	Head exertion (cm)	Awns	Seed color	Gray leaf spot	Leaf blight	Anthraxnose
257602	BICOLR	ETHI													3			3
257603	BICOLR	ETHI													2			1
262562	BICOLR	USSR													2			6
262563	BICOLR	USSR													2			6
262565	BICOLR	USSR													2			6
262566	BICOLR	USSR													1			6
262567	BICOLR	USSR													2			9
262568	BICOLR	USSK													2			9
262569	BICOLR	USSR													2			9
264393	BICOLR	INDIA													3			7
264394	BICOLR	INDIA													4			3
264395	BICOLR	INDIA													2			7
264396	BICOLR	INDIA													1			9
264397	BICOLR	INDIA													2			7
264445	BICOLR	SPAIN													2			9
264446	BICOLR	SPAIN													2			9
264448	BICOLR	SPAIN													2			9
264451	BICOLR	SPAIN													2			9
264453	BICOLR	SPAIN													1			9
264455	BICOLR	SPAIN													1			9
264456	BICOLR	SPAIN													1			9
264458	BICOLR	SPAIN													2			9
264459	BICOLR	SPAIN													2			9
264460	BICOLR	SPAIN													2			9
265105	BICOLR	W AFR													2			9
265106	BICOLR	SENGL													4			5
266060	BICOLR	GUAT																
266062	BICOLR	GUAT																
266063	BICOLR	GUAT																
266064	BICOLR	GUAT																
266066	BICOLR	GUAT																
266067	BICOLR	GUAT																
266068	BICOLR	GUAT																
266158	BICOLR	NIGIA																



266159	BICOLR	NIGIA	5	1	34	1	17	1	1	1	9	20	1	7
266188	BICOLR	JURON	1	1	15	1	9	2	1	1	9	30	3	9
266951	BICOLR	USSR	5	2	14	5	9	1	1	1	5	25	2	9
266952	BICOLR	USSR	1	2	18	1	10	4	1	1	9	25	2	9
266953	BICOLR	USSR	1	2	18	1	10	4	1	1	9	25	2	9
266954	BICOLR	USSR	1	1	21	1	10	1	1	1	5	23	2	9
266955	BICOLR	USSR	1	1	22	1	10	1	1	1	5	25	1	9
266956	BICOLR	USSR	1	1	22	1	10	1	1	1	5	25	2	9
266957	BICOLR	USSR	1	1	22	1	9	4	1	1	5	25	2	9
266958	BICOLR	USSR	1	1	22	1	8	4	1	1	1	25	2	9
266959	BICOLR	USSR	1	2	15	1	7	4	1	1	5	25	2	9
266960	BICOLR	USSR	1	1	19	5	9	1	1	5	9	25	1	9
266961	BICOLR	USSR	9	1	21	1	9	1	1	1	1	20	4	7
266962	BICOLR	USSR	1	1	18	1	8	4	1	5	9	25	2	9
266965	BICOLR	USSR	1	1	19	1	10	1	1	1	1	36	1	3
267103	BICOLR	USSR	1	1	15	1	10	3	1	1	9	5	1	3
267105	BICOLR	USSR	1	1	15	1	10	3	1	1	9	5	1	3
267106	BICOLR	USSR	1	1	15	1	11	4	1	1	9	20	1	3
267108	BICOLR	USSR	1	1	15	9	8	3	1	9	5	20	3	3
267109	BICOLR	USSR	1	2	15	1	9	3	1	1	5	20	2	3
267110	BICOLR	USSR	5	1	37	5	13	3	1	1	5	20	2	3
267111	BICOLR	USSR	1	1	21	5	11	3	2	1	5	2	2	3
267112	BICOLR	USSR	1	1	18	1	9	3	2	1	9	5	3	3
267113	BICOLR	USSR	1	1	40	5	10	1	1	1	5	3	1	3
267114	BICOLR	USSR	1	1	21	1	10	1	3	1	9	3	3	3
267115	BICOLR	USSR	1	1	21	1	10	1	1	1	5	3	3	3
267117	BICOLR	USSR	1	2	15	1	11	1	1	1	5	1	1	3
267118	BICOLR	USSR	1	1	18	1	10	4	1	1	5	20	1	9
267119	BICOLR	USSR	1	1	18	1	9	5	1	1	5	15	1	9
267120	BICOLR	USSR	1	1	27	1	9	5	1	1	1	5	1	9
267121	BICOLR	USSR	1	1	15	1	8	5	1	1	1	15	1	9
267122	BICOLR	USSR	1	1	15	1	8	5	1	1	1	15	1	9
267123	BICOLR	USSR	1	1	21	1	9	4	1	1	5	15	1	9
267124	BICOLR	USSR	1	1	24	1	8	3	1	1	5	10	1	9
267125	BICOLR	USSR	5	2	16	5	8	3	1	9	5	20	1	9
267126	BICOLR	USSR	1	1	21	9	10	3	1	1	5	1	1	9
267127	BICOLR	USSR	1	1	22	5	7	1	1	5	9	25	1	9
267128	BICOLR	USSR	1	1	21	1	7	1	1	1	1	25	1	9
267129	BICOLR	USSR	1	1	18	1	8	2	1	1	5	15	2	9
267130	BICOLR	USSR	1	1	15	1	7	1	1	1	5	15	1	9
267324	BICOLR	INDIA	5	1	27	1	13	2	1	1	5	15	1	7
267334	BICOLR	INDIA	5	1	21	1	9	2	1	1	5	3	1	7
267338	BICOLR	INDIA	5	2	18	1	11	1	1	1	9	3	1	1
267340	BICOLR	INDIA	5	2	18	1	11	1	1	1	9	3	1	1
267341	BICOLR	INDIA	5	2	18	9	1	1	1	1	9	4	1	1
267342	BICOLR	INDIA	5	2	18	9	1	1	1	1	9	4	1	1

NO. 591

WHITE KAFFIR

NERVOSUM

Plant introduction No.	Species	Source	Cultivar or other identification	Maturity	Plant use	Plant height (dm)	Plant uniformity	No. nodes per plant	Lodging	Peduncle type	Head uniformity	Head compactness	Head exertion (cm)	Awns	Seed color	Gray leaf spot	Leaf blight	Anthraxnose
267343	BICOLR	INDIA		5	1	27	5	15			1	5		1	1			
267344	BICOLR	INDIA		5	2	15	1	11	1	1	1	9	5		1			1
267348	BICOLR	INDIA		1	2	10	1	8	1	1	1	5	25	1	1			1
267351	BICOLR	INDIA		5	2	24	1	22	1	2	1	5	5	1	4			1
267352	BICOLR	INDIA		5	1	15	1				1	5		1	1			
267355	BICOLR	INDIA		5	2													
267356	BICOLR	INDIA		5	2	12	1	11	1	1	1	9	3		1			3
267357	BICOLR	INDIA		9	2	13	1	18	1	1	1	5	5	1	1			3
267358	BICOLR	INDIA		5	1	21	1	17			1	9		1	1			
267359	BICOLR	INDIA		9	2	15	1	22			1			1	1			
267360	BICOLR	INDIA	15 2674															
267361	BICOLR	INDIA																
267364	BICOLR	INDIA																
267366	BICOLR	INDIA																
267367	BICOLR	INDIA																
267369	BICOLR	INDIA		9	1	34	1	21			1	1		1	1			1
267370	BICOLR	INDIA		1	2	18	1		1	1	1	9	5		1			9
267372	BICOLR	INDIA		9	1	27	5	14	1	1	1	5	3		2			1
267373	BICOLR	INDIA																1
267374	BICOLR	INDIA																1
267378	BICOLR	INDIA																3
267379	BICOLR	INDIA		1	1	27	1	12		1	1	1						
267380	BICOLR	INDIA		1	1	18	1	9		1	1	5		1	1			9
267383	BICOLR	INDIA		1	1	20	5	9		1	1	1		1	1			
267385	BICOLR	INDIA		1	2	13	1	7	1	1	1	1	10		1			9
267386	BICOLR	INDIA	15 2700															
267387	BICOLR	INDIA		1	2	12	1	9	1	1	1	1	15	1	1			9
267388	BICOLR	INDIA		1	2	13	1	9	1	1	1	5	15	1	3			9
267389	BICOLR	INDIA	15 2702	1	2	15	1	10	2	1	1	5	20		1			9
267392	BICOLR	INDIA		1	2													
267394	BICOLR	INDIA																
267396	BICOLR	INDIA		5	2	15	1	10	1	1	1	9	3		3			7
267402	BICOLR	INDIA																
267403	BICOLR	INDIA		9	2	18	1	16	1	1	1	1	1		3			5
267404	BICOLR	INDIA																

267406	BICOLR	INDIA	5	2	15	1	7	1	1	1	5	25	4	9
267408	BICOLR	INDIA												
267410	BICOLR	INDIA	1	2	12	1	13	1	1	1	5	10	2	3
267412	BICOLR	INDIA												
267413	BICOLR	INDIA												
267414	BICOLR	INDIA												
267417	BICOLR	INDIA	1	2	15	1	13	1	1	1	9	5	1	1
267422	BICOLR	INDIA	9	1	21	1	14	1	1	1	9	5	3	3
267424	BICOLR	INDIA												
267425	BICOLR	INDIA	5	2	15	1	11	1	1	1	9	5	2	3
267426	BICOLR	INDIA												
267427	BICOLR	INDIA	1	2	15	1	11	1	1	1	9	5	3	1
267428	BICOLR	INDIA	1	2	15	1	11	1	1	1	9	5	1	1
267429	BICOLR	INDIA	1	1	31	1	13	1	1	1	1	25	2	1
267431	BICOLR	INDIA												
267432	BICOLR	INDIA												
267434	BICOLR	INDIA												
267436	BICOLR	INDIA	9	1	39	9		1	1	1	1		1	1
267438	BICOLR	INDIA												
267439	BICOLR	INDIA												
267440	BICOLR	INDIA	9	1	31	1	19	1	1	1	5	1	3	1
267441	BICOLR	INDIA												
267442	BICOLR	INDIA	9	1	43	5	19	1	1	1	5	1	1	1
267443	BICOLR	INDIA	1	1	47	1	20	2	1	1	5	5	4	4
267444	BICOLR	INDIA	9	1	47	1	21	2	1	1	1	5	1	1
267445	BICOLR	INDIA	9	1	27	1								7
267446	BICOLR	INDIA												
267447	BICOLR	INDIA	9	2	16	1	9	1	1	1	5	1	1	5
267448	BICOLR	INDIA												
267449	BICOLR	INDIA												
267450	BICOLR	INDIA	9	2	16	1	13	1	1	1	1		1	5
267452	BICOLR	INDIA												
267453	BICOLR	INDIA	9	2	15	1	11	1	1	1	5	3	4	3
267454	BICOLP	INDIA	5	2	27	1	13	1	2	5	5	1	4	7
267455	BICOLR	INDIA												
267458	BICOLR	INDIA	1	2	18	1	11	1	1	1	9	20	1	5
267459	BICOLR	INDIA												
267460	BICOLR	INDIA	5	1	21	9	12	1	1	9	5	10	1	1
267461	BICOLR	INDIA	5	2	17	1	12	1	1	1	5	20	3	3
267462	BICOLR	INDIA	5	2	15	5	11	1	1	1	5	20	1	1
267463	BICOLR	INDIA	1	2	12	5	10	1	1	1	9	15	1	3
267464	BICOLR	INDIA												
267465	BICOLR	INDIA	1	2	15	5	11	1	1	5	9	20	3	3
267466	BICOLR	INDIA	1	2	14	5	9	1	1	9	9	20	1	1
267467	BICOLR	INDIA	1	2	10	9	10	1	1	9	5	25	1	5
267468	BICOLR	INDIA	1	2	14	5	10	1	1	1	5	25	3	5

DCBRS

IS 2768 N-4

IS 2769

IS 2770 NO.5-G37

IS 2785 KORG1



Plant introduction No.	Species	Source	Cultivar or other identification	Maturity	Plant use	Plant height (dm)	Plant uniformity	No. nodes per plant	Lodging	Peduncle type	Head uniformity	Head compactness	Head exertion (cm)	Awns	Seed color	Gray leaf spot	Leaf blight	Anthraxnose
267469	BICOLR	INDIA	FETERITA WAD UMM B	5	1	17	1	19	1	1	1	5	5	1	3	3	5	5
267470	BICOLR	INDIA		5	2	15	1	11	1	1	1	6	5		3		1	1
267471	BICOLR	INDIA		5	2	18	1	11	1	1	1	6	5		3		3	3
267472	BICOLR	INDIA		5	2	18	1	11	1	1	1	6	5		1		1	1
267473	BICOLR	INDIA		5	2	18	1	11	1	1	1	6	5		1		1	1
267474	BICOLR	INDIA		1	2	15	1	9	1	1	1	5	25		2		6	6
267475	BICOLR	INDIA		1	1	24	1	11	1	1	1	5	10		1		1	1
267476	BICOLR	INDIA		1	2	18	1	9	1	1	1	5	15	1	1		1	1
267477	BICOLR	INDIA		5	1	17	1	11	1	1	1	5	15	1	3		6	6
267478	BICOLR	INDIA		5	1	17	1	11	1	1	1	5	15					
267479	BICOLR	INDIA		1	2	14	1	10	1	1	1	5	15		1		6	6
267480	BICOLR	INDIA		5	2	12	1	10	1	1	1	9	10		1		1	1
267481	BICOLR	INDIA		5	1	31	1	17	1	1	1	5	10	1	3		6	6
267482	BICOLR	INDIA		1	2	15	1	17	1	1	1	5	20		2		1	1
267483	BICOLR	INDIA		1	2	15	1	10	1	1	1	5	20					
267484	BICOLR	INDIA		1	2	15	1	9	1	1	1	5	20		1		7	7
267485	BICOLR	INDIA		1	2	15	1	10	1	1	1	6	20		2		1	1
267486	BICOLR	INDIA		1	2	15	1	10	1	1	1	6	20		1		1	1
267487	BICOLR	INDIA		1	2	15	1	10	1	1	1	6	20		1		1	1
267488	BICOLR	INDIA		1	2	15	1	10	1	1	1	6	20					
267489	BICOLR	INDIA		1	1	24	5	11	1	1	9	9	5		1		6	6
267490	BICOLR	INDIA		1	1	12	1	10	1	1	1	9	25		1		1	1
267491	BICOLR	INDIA		1	2	15	1	10	1	1	1	9	3	1	1		1	1
267492	BICOLR	INDIA		1	2	15	1	13	1	1	1	9	3	1	1		1	1
267493	BICOLR	INDIA		1	2	15	1	13	1	1	1	9	3					
267494	BICOLR	INDIA	SWAZILAND PHII7051	1	1	16	1	14	1	1	1	5	15	1	3		7	7
267495	BICOLR	INDIA		5	2	15	5	8	1	1	5	5	15		1		1	1
267496	BICOLR	INDIA		1	1	21	9	10	1	1	9	1	10		1		1	1
267497	BICOLR	INDIA		5	1	21	1	10	2	1	1	1	20		2		1	1
267498	BICOLR	INDIA		1	2	13	1	11	1	1	1	9	3		3		1	1
267499	BICOLR	INDIA	MATOPOS	1	2	9	1	9	1	1	1	5	25	1	2		9	9
267500	BICOLR	INDIA		1	2	12	1	11	1	1	1	9	25		2		1	1
267501	BICOLR	INDIA		5	2	14	9	15	1	1	1	5	20	1	3		1	1
267502	BICOLR	INDIA		1	2	15	5	10	1	1	1	9	20		3		1	1
267503	BICOLR	INDIA		1	2	15	5	10	1	1	1	9	20					

267504	BICOLR	INDIA	1	2	15	5	10	1	1	1	1	9	20	3	3
267505	BICOLR	INDIA	1	2	15	1	8	1	1	1	1	9	20	1	9
267506	BICOLR	INDIA	1	2	12	9	9	1	1	1	1	9	20	1	9
267507	BICOLR	INDIA	1	2	18	1	11	1	1	1	1	9	20	1	9
267508	BICOLR	INDIA	1	2	21	5	10	1	1	1	1	5	10	1	9
267509	BICOLR	INDIA	1	2	13	9	7	1	1	1	1	5	10	3	9
267510	BICOLR	INDIA	5	1	31	5	13	1	1	1	1	5	10	3	9
267511	BICOLR	INDIA	1	2	15	1	11	1	1	1	1	5	10	1	9
267512	BICOLR	INDIA	5	1	21	5	10	1	1	1	1	5	10	1	9
267513	BICOLR	INDIA	5	1	21	5	10	1	1	1	1	5	10	1	9
267514	BICOLR	INDIA	1	2	15	1	10	1	1	1	1	5	10	1	7
267515	BICOLR	INDIA	1	2	9	1	7	1	1	1	1	5	15	1	1
267516	BICOLR	INDIA	1	2	21	9	10	1	1	1	1	5	15	2	1
267517	BICOLR	INDIA	1	2	12	1	10	1	1	1	1	5	3	3	1
267518	BICOLR	INDIA	1	2	12	1	10	1	1	1	1	5	5	3	1
267519	BICOLR	INDIA	1	2	17	1	10	1	1	1	1	9	15	1	1
267520	BICOLR	INDIA	1	1	24	1	11	1	1	1	1	9	15	1	9
267521	BICOLR	INDIA	1	1	17	1	10	1	1	1	1	9	10	1	9
267522	BICOLR	INDIA	1	1	24	1	9	1	1	1	1	9	10	4	9
267523	BICOLR	INDIA	1	1	24	1	9	1	1	1	1	9	10	4	9
267524	BICOLR	INDIA	1	1	21	1	12	1	2	1	1	9	3	4	9
267525	BICOLR	INDIA	1	2	15	1	9	1	1	1	1	5	15	4	9
267526	BICOLR	INDIA	1	2	15	5	11	1	1	1	1	5	10	4	9
267527	BICOLR	INDIA	1	2	27	1	13	1	1	1	1	5	3	4	9
267528	BICOLR	INDIA	1	2	24	1	13	1	2	1	1	5	5	4	9
267529	BICOLR	INDIA	1	1	24	1	12	1	1	1	1	9	15	4	9
267530	BICOLR	INDIA	5	1	31	5	12	1	2	1	1	9	15	4	9
267531	BICOLR	INDIA	1	1	15	1	11	1	1	1	1	5	20	1	9
267532	BICOLR	INDIA	1	2	18	1	10	1	1	1	1	9	1	4	9
267533	BICOLR	INDIA	1	1	27	9	12	1	2	2	2	1	25	3	9
267534	BICOLR	INDIA	1	2	15	1	10	5	1	1	1	9	5	4	9
267535	BICOLR	INDIA	1	2	15	1	10	5	1	1	1	9	5	4	9
267537	BICOLR	INDIA	1	2	15	1	10	5	1	1	1	9	5	4	9
267538	BICOLR	INDIA	1	2	15	1	10	5	1	1	1	9	5	4	9
267539	BICOLR	INDIA	1	2	15	1	10	5	1	1	1	9	5	4	9
267541	BICOLR	INDIA	1	2	15	5	8	1	1	1	1	9	20	3	5
267542	BICOLR	INDIA	1	2	15	5	8	1	1	1	1	9	20	3	5
267544	BICOLR	INDIA	1	2	15	5	8	1	1	1	1	9	20	3	5
267545	BICOLR	INDIA	1	2	15	5	8	1	1	1	1	9	20	3	5
267546	BICOLR	INDIA	1	2	15	5	8	1	1	1	1	9	20	3	5
267548	BICOLR	INDIA	1	2	15	5	8	1	1	1	1	9	20	3	5
267550	BICOLR	INDIA	1	2	15	5	8	1	1	1	1	9	20	3	5
267551	BICOLR	INDIA	1	2	15	5	8	1	1	1	1	9	20	3	5
267552	BICOLR	INDIA	1	2	15	5	8	1	1	1	1	9	20	3	5
267555	BICOLR	INDIA	1	2	15	5	8	1	1	1	1	9	20	3	5





267632	BICOLR	INDIA	1	2	12	1	12	1	1	1	5	22	2	1	1	
267633	BICOLR	INDIA													1	
267634	BICOLR	INDIA													1	
267636	BICOLR	INDIA													1	
267637	BICOLR	INDIA													9	
267638	BICOLR	INDIA	1	2	13	1	14	1	1	1	5	18	2	1	9	
267639	BICOLR	INDIA													3	
267640	BICOLR	INDIA													5	
267641	BICOLR	INDIA													5	
267642	BICOLR	INDIA													5	
267643	BICOLR	INDIA	IS 3056 NO.344													1
267647	BICOLR	INDIA													3	
267649	BICOLR	INDIA													5	
267650	BICOLR	INDIA													1	
267692	BICOLR	NIGIA													3	
267694	BICOLR	INDIA													9	
269976	BICOLR	PAK													1	
269977	BICOLR	PAK													5	
271232	BICOLR	INDIA	1	1	21	5		3	1	1	5	20		1	9	
271233	BICOLR	INDIA													3	
271235	BICOLR	INDIA													5	
271236	BICOLR	INDIA													3	
271237	BICOLR	INDIA	5	1	31	1	13	3	2	1	9	15		3	5	
271238	BICOLR	INDIA	5	1	27	5	12		2	1	5		2	3	9	
271239	BICOLR	INDIA													9	
271617	BICOLR	INDIA	1	2	18	5	8	1	3	1	1	15	2	1	9	
271618	BICOLR	INDIA	1	1	21	5	9	1	2	5	5	3		1	9	
271619	BICOLR	INDIA	5	1	27	1	8	1	1	1	1	3		1	9	
271620	BICOLR	INDIA	5	2	14	5	9	1	1	5	9	15		1	9	
271621	BICOLR	INDIA	1	2	15	5	9	1	1	5	9	25		1	9	
271622	BICOLR	INDIA	5	2	18	5	10	1	1	1	9	25		1	9	
273465	BICOLR	NIGIA	1	1	38										9	
273467	BICOLR	NIGIA	9	1	39										7	
273468	BICOLR	NIGIA			40											
273953	BICOLR	ETHI														
273954	BICOLR	ETHI														
273955	BICOLR	ETHI														
273956	BICOLR	ETHI														
273957	BICOLR	ETHI														
273958	BICOLR	ETHI														
273959	BICOLR	ETHI														
273961	BICOLR	ETHI														
273963	BICOLR	ETHI														
273964	BICOLR	ETHI														
273965	BICOLR	ETHI														
273966	BICOLR	ETHI														

Plant introduction No.	Species	Source	Cultivar or other identification	Maturity	Plant use	Plant height (dm)	Plant uniformity	No. nodes per plant	Lodging	Peduncle type	Head uniformity	Head compactness	Head exertion (cm)	Awns	Seed color	Gray leaf spot	Leaf blight	Anthraxnose
273967	BICOLR	ETHI	COL. NO. 2106	9	1	37	1	13	1	1	1	1	15					
273968	ETHI																	
273969	ETHI																	
273970	ETHI																	
273971	BICOLR	ETHI	COL. NO. 2114 SELECTION NO. 3 SELECTION NO. 4	5	1	24	5	10	1	1	1	5	20		2			
274030	ETHI																	
274031	ETHI																	
274032	ETHI																	
274509	BICOLR	VENEZ		9	1	37	1	12	1	1	1	1	5					
274774	BICOLR	S AFR		5	1	24	5	12	1	1	1	1	5		2			
274775	BICOLR	S AFR		1	2	15	5	10	1	1	1	1	5	10				
274776	BICOLR	S AFR		1	2	13	5	10	1	1	1	1	5	10				
274777	BICOLR	S AFR		5	2	15	5	12	1	1	1	1	5	5		2		
274778	BICOLR	S AFR		5	2	15	5	12	1	1	1	1	5					
275365	BICOLR	INDIA		1	1	27	5	10	1	1	9	1	15		1			9
276295	BICOLR	S AFR		9	1	44	5	17	1	1	1	1	5		2			
276767	BICOLR	ETHI		1	2	15	9							5		1		9
276768	BICOLR	ETHI																1
276769	BICOLR	ETHI																1
276770	BICOLR	ETHI																
276771	BICOLR	ETHI																
276772	BICOLR	ETHI																
276773	BICOLR	ETHI																
276775	BICOLR	ETHI																
276776	BICOLR	ETHI		5	1	47	1	16	1	1	1	1	10		1			3
276777	BICOLR	ETHI																3
276778	BICOLR	ETHI																3
276779	BICOLR	ETHI																1
276780	BICOLR	ETHI		5	1	43	9	15		1	1	5		2	4			3
276781	BICOLR	ETHI																
276782	BICOLR	ETHI																
276784	BICOLR	ETHI																
276785	BICOLR	ETHI																
276786	BICOLR	ETHI																1
276787	BICOLR	ETHI																





Plant introduction No.	Species	Source	Cultivar or other identification	Maturity	Plant use	Plant height (dm)	Plant uniformity	No. nodes per plant	Lodging	Peduncle type	Head uniformity	Head compactness	Head exertion (cm)	Awns	Seed color	Gray leaf spot	Leaf blight	Anthraxnose
276837	BICOLR	ETHI		5	1	47	1	13	1	1	9	1	10	1	1			5
276838	BICOLR	ETHI		5	1	34	1	16	1	1	5	1	10	3	3			5
276839	BICOLR	ETHI																
276840	BICOLR	ETHI		5	1	31	9	15	1	1	1	5	1	3	3			1
276841	BICOLR	ETHI		5	1	47	1	17	1	1	1	5	1	1	4			3
276842	BICOLR	ETHI		5	1	47	1	15	1	1	1	5	1	1	1			3
276843	BICOLR	ETHI		5	1	47	1	16	1	1	1	5	1	3	3			3
276844	BICOLR	ETHI																
276845	BICOLR	ETHI																
276846	BICOLR	ETHI	SA 2364															
276847	BICOLR	ETHI																
276848	BICOLR	ETHI																
276849	BICOLR	ETHI	SA 2367															
276850	BICOLR	ETHI																
276851	BICOLR	ETHI																
276852	BICOLR	ETHI																
276853	BICOLR	ETHI																
276854	BICOLR	ETHI																
276855	BICOLR	ETHI																
276856	BICOLR	ETHI																
277079	BICOLR	ARGN																
277080	BICOLR	ARGN																
277166	BICOLR	MEX																
277167	BICOLR	MEX		9	1	27	9	21							3			5
277168	BICOLR	MEX																
277536	BICOLR	S AFR		9	1	27	5	19	1	2		5			1			5
277537	BICOLR	S AFR		1	2	12	5	10	1	1	1	5	1		1			9
277538	BICOLR	S AFR	BC2MS															
277539	BICOLR	S AFR		1	2	15	5	16	1	1	1	5	20	1	1			9
277540	BICOLR	S AFR																
277541	BICOLR	S AFR	SB 217	5	2	13	1	11	1	1	1	5	5	1	1			1
277542	BICOLR	S AFR		5	1	21	5	18	1	1	1	9	1	2	3			1
277543	BICOLR	S AFR		1	2	10	1	10	1	1	1	9	1		1			9
282829	BICOLR	CHAD		5	1	34	1	11	1	1	1	5	20		2			
282830	BICOLR	CHAD			1	33			1									

282831	BICOLR	CHAD	1	1	30	5	11	1	5	5	20	2
282832	BICOLR	CHAD	1	1	34			1				
282833	BICOLR	CHAD	1	1	30			1				
282834	BICOLR	CHAD	5	1	34	5	11	1	5	5	25	4
282835	BICOLR	CHAD		1	33			1				
282836	BICOLR	CHAD	5	1	34	9	12	1	5	1	15	2
282837	BICOLR	CHAD		1	15							
282838	BICOLR	CHAD		1	27							
282840	BICOLR	CHAD		1	27	1	10	1	5	9	3	2
282841	BICOLR	CHAD	5	1	27			1				
282842	BICOLR	CHAD		1	27			1				
282843	BICOLR	CHAD		1	27			1				
282844	BICOLR	CHAD		1	30							
282845	BICOLR	CHAD		1	30							
282846	BICOLR	CHAD		1	33							
282847	BICOLR	CHAD		1	33							
282848	BICOLR	CHAD		1	33							
282849	BICOLR	CHAD		1	33							
282850	BICOLR	CHAD		1	33							
282851	BICOLR	CHAD		1	33							
282852	BICOLR	CHAD		1	33							
282853	BICOLR	CHAD		1	33							
282854	BICOLR	CHAD		1	33							
282855	BICOLR	CHAD		1	38							
282856	BICOLR	CHAD		1	21							
282857	BICOLR	CHAD		1	21							
282858	BICOLR	CHAD		1	21							
282859	BICOLR	CHAD		1	30							
282860	BICOLR	CHAD			30							
282861	BICOLR	CHAD			33							
282862	BICOLR	CHAD			33							
282863	BICOLR	CHAD			33							
282864	BICOLR	CHAD		1	33							
282865	BICOLR	CHAD		1	33							
282866	BICOLR	CHAD		1	33							
282867	BICOLR	CHAD		1	33							
282868	BICOLR	CHAD		1	33							
282869	BICOLR	CHAD		1	33							
282870	BICOLR	CHAD		1	33							
282871	BICOLR	CHAD		1	33							
282872	BICOLR	CHAD		1	33							
282873	BICOLR	CHAD		1	33							
282874	BICOLR	CHAD		1	33							
282875	BICOLR	CHAD		1	33							
282876	BICOLR	CHAD		1	33							
282877	BICOLR	CHAD										

Plant introduction No.	Species	Source	Cultivar or other identification	Maturity	Plant use	Plant height (dm)	Plant uniformity	No. nodes per plant	Lodging	Peduncle type	Head uniformity	Head compactness	Head exertion (cm)	Awns	Seed color	Gray leaf spot	Leaf blight	Anthraxnose
282878	BICOLR	CHAD		1	1	30												
282879	BICOLR	CHAD		1	1	27												
284971	BICOLR	ARGN	ADJIGONU1	5	1	31	5	14		1	1	5	18	1	1			6
284972	BICOLR	ARGN		1	1	18	5	8		1	1	5	20	2	1			6
284973	BICOLR	ARGN		1	2	10	1			1	1	5						
284974	BICOLR	ARGN		1	2	14	1			1	1	5	20	1	1			
284975	BICOLR	ARGN	BARNARD RED	1	2	15	1	12		1	1	5		1				
284976	BICOLR	ARGN		5	5	27	1			1	1	5	20					3
284977	BICOLR	ARGN		1	1	18	1			1	1	5	25					3
284978	BICOLR	ARGN	GALIA	5	2	14	1			1	1	1	15					1
284979	BICOLR	ARGN		1	1	24	1			1	1	5	5					6
284980	BICOLR	ARGN		5	1													
284981	BICOLR	ARGN		1	1	18	1			1	1	5	10					7
284982	BICOLR	ARGN		1	1	18	5			1	1	5	20					1
284983	BICOLR	ARGN		1	1	40	6			1	1	5	15					1
284984	BICOLR	ARGN		5	1	40	1			1	1	9	5					1
284985	BICOLR	ARGN		5	1	40	1			1	1	9	5					1
284986	BICOLR	ARGN		5	1	40	1			1	1	9	3					1
284987	BICOLR	ARGN		5	1	40	1			1	1	5	10					1
284988	BICOLR	ARGN		5	1	37	1			1	1	5	5					1
284989	BICOLR	ARGN		1	1	18	1			3	1	1	20					1
284990	BICOLR	ARGN		5	1	34	1			1	1	9	5					1
284991	BICOLR	ARGN		5	1	31	1	16		1	1	9	10	1	1			1
284992	BICOLR	ARGN		1	2	12	1	8		1	1	5	20	1	3			9
284993	BICOLR	ARGN	NADJADA	5	1	31	1	14		1	1	5		1	1			
284994	BICOLR	ARGN		5	1	34	1			1	1	1	1					7
284996	BICOLR	ARGN	RADAR	1	2	15	1		1	1	1	5			1			
284998	BICOLR	ARGN		1	1	18	1			1	1	5	8					9
284999	BICOLR	ARGN		1	1	18	1			1	1	5	8					9
285000	BICOLR	ARGN	MANFREDI	1	2	12	1			1	1	9	8					9
285001	BICOLR	ARGN	CHOLITA	1	2	15	1			1	1	5	8					9
285002	BICOLR	ARGN		1	1	27	1			1	1	1	20					9
285039	BICOLR	NIGIA		9	1		1											1
285040	BICOLR	NIGIA		9	1		1											1





Plant introduction No.	Species	Source	Cultivar or other identification	Maturity	Plant use	Plant height (dm)	Plant uniformity	No. nodes per plant	Lodging	Peduncle type	Head uniformity	Head compactness	Head exertion (cm)	Awns	Seed color	Gray leaf spot	Leaf blight	Anthraxnose
287593	BICOLR	RHOD	FETERITA W U B	1	2	9	1	10		1	1	5		1	3			1
287594	BICOLR	RHOD																
287595	BICOLR	RHOD																6
287596	BICOLR	RHOD																1
287597	BICOLR	RHOD																1
287598	BICOLR	RHOD																1
287600	BICOLR	RHOD																1
287601	BICOLR	RHOD																2
287602	BICOLR	RHOD																5
287603	BICOLR	RHOD																1
287604	BICOLR	RHOD																1
287605	BICOLP	RHOD		1	2	15	9	10		1	5	9	25	1	1			1
287606	BICOLR	RHOD																1
287607	BICOLR	RHOD																5
287609	BICOLR	RHOD																1
287610	BICOLR	RHOD																1
287611	BICOLR	RHOD		1	2	13	5	12		1	1	5		1	1			1
287612	BICOLR	RHOD	DINDERAWI	5	2	12	1	14		1	1	5		1	1			1
287613	BICOLR	RHOD		6	1	19	9		1	1	1	5			3			1
287614	BICOLR	RHOD	BAHANA OTLR 143															1
287615	BICOLR	RHOD		5	2	12	1	18		1	1	5		1	1			1
287616	BICOLR	RHOD																7
287617	BICOLR	RHOD	ABU DIGAIS	5	1	18	5	14		1	1	5		1	1			5
287618	BICOLR	RHOD																5
287620	BICOLR	RHOD	WAD AKR	9	1	37	5	18		2	1	9		1	1			
287621	BICOLR	RHOD		5	1	17	1	15		1	1	5		1	3			
287622	BICOLR	RHOD																
287623	BICOLR	RHOD																5
287624	BICOLR	RHOD																6
287625	BICOLR	RHOD																1
287626	BICOLR	RHOD																5
287627	BICOLR	RHOD																
287629	BICOLR	RHOD	MTAMI RED	5	1	34	1	17		1	1	5		1	1			1
287630	BICOLR	RHOD																1
287631	BICOLR	RHOD																



Plant introduction No.	Species	Source	Cultivar or other identification	Maturity	Plant use	Plant height (dm)	Plant uniformity	No. nodes per plant	Lodging	Peduncle type	Head uniformity	Head compactness	Head exertion (cm)	Awns	Seed color	Gray leaf spot	Leaf blight	Anthraxnose
287696	BICOLR	RHOD																1
287697	BICOLR	RHOD		5	2	11	9	7	2	1	5	5	3	1				5
287698	BICOLR	RHOD																2
287699	BICOLR	RHOD																6
287700	BICOLR	RHOD																1
287702	BICOLR	RHOD																1
287703	BICOLR	RHOD																1
289526	BICOLR	BWIND			1	30												1
289723	BICOLR	MALGY			3	27	1			1	1	1			1			9
289724	BICOLR	MALGY		5														
289725	BICOLR	MALGY	CUL. NO. 15-97															
289726	BICOLR	MALGY	COL. NO. 15-98															
289727	BICOLR	MALGY	COL. NO. 15-99															
291027	BICOLR	SUDAN	FARHODA															
291028	BICOLR	SUDAN		5														
291029	BICOLR	SUDAN	MUGUD RED	5	1	27	5	16		2	1	9		1	1			
291049	BICOLR	MEX																
291050	BICOLR	MEX	919															
291051	BICOLR	MEX	920															
291053	BICOLR	MEX	921															
291054	BICOLR	MEX	923															
			924															
291055	BICOLR	MEX	925															
291056	BICOLR	MEX	927															
291057	BICOLR	MEX	928															
291058	BICOLR	MEX	929															
291059	BICOLR	MEX	930															
291060	BICOLR	MEX	931															
291061	BICOLR	MEX		9														3
291062	BICOLR	MEX	932-B															
291063	BICOLR	MEX		5														1
291064	BICOLR	MEX		5														
291065	BICOLR	MEX		5	1	18	1	16		2	1	9			1			9
291066	BICOLR	MEX		5														
291067	BICOLR	MEX		1														3





Plant introduction No.	Species	Source	Cultivar or other identification	Maturity	Plant use	Plant height (dm)	Plant uniformity	No. nodes per plant	Lodging	Peduncle type	Head uniformity	Head compactness	Head exertion (cm)	Awns	Seed color	Gray leaf spot	Leaf blight	Anthracnose
291221	BICOLR	INDIA																7
291222	BICOLR	INDIA																7
291223	BICOLR	INDIA																7
291224	BICOLR	INDIA																7
291225	BICOLR	INDIA																7
291226	BICOLR	INDIA																7
291227	BICOLR	INDIA																7
291228	BICOLR	INDIA																7
291229	BICOLR	INDIA																7
291230	BICOLR	INDIA																7
291231	BICOLR	INDIA																7
291232	BICOLR	INDIA																1
291233	BICOLR	INDIA																6
291234	BICOLR	INDIA																7
291235	BICOLR	INDIA																7
291236	BICOLR	INDIA																7
291237	BICOLR	INDIA																1
291238	BICOLR	INDIA																5
291239	BICOLR	INDIA																7
291240	BICOLR	INDIA																7
291241	BICOLR	INDIA																7
291242	BICOLR	INDIA																5
291243	BICOLR	INDIA																7
291244	BICOLR	INDIA																7
291245	BICOLR	INDIA																3
291246	BICOLR	INDIA																3
291247	BICOLR	INDIA																7
291248	BICOLR	INDIA																7
291249	BICOLR	INDIA																9
291376	BICOLR	TAIWN																9
291377	BICOLR	TAIWN																9
291378	BICOLR	TAIWN																9
291379	BICOLR	TAIWN																9
291381	BICOLR	CHINA																9
291382	BICOLR	CHINA																9

291383	BICOLR	CHINA		1	1	24	5	1	1	2
291778	BICOLR	MEX	954							
295120	BICOLR	AUSTL		1	2	13	5	1	1	15
295121	BICOLR	AUSTL		1	2	13	5	1	1	15
295122	BICOLR	AUSTL		1	2	15	5	1	1	46
295123	BICOLR	AUSTL		1	1	27	5	1	1	30
297093	BICOLR	UGAN								
297094	BICOLR	UGAN								
297095	BICOLR	UGAN								
297101	BICOLR	UGAN		5	1	18	1	1	1	2
297102	BICOLR	UGAN		9	1	24	1	1	1	1
297103	BICOLR	UGAN								
297104	BICOLR	UGAN		9	1	21	1	1	1	1
297105	BICOLR	UGAN		5	1	31	9	1	1	1
297106	BICOLR	UGAN		9	2	17	1	1	1	1
297107	BICOLR	UGAN		9	1	21	1	1	1	1
					1	27	5	1	1	1
297108	BICOLR	UGAN		9	2	15	5	1	1	4
297109	BICOLR	UGAN		5	1	19	1	1	1	1
297110	BICOLR	UGAN								
297111	BICOLR	UGAN		5	1	40				1
297112	BICOLR	UGAN								
297113	BICOLR	UGAN								
297114	BICOLR	UGAN								
297115	BICOLR	UGAN								
297116	BICOLR	UGAN		9	1	21	1	1	1	4
297117	BICOLR	UGAN								
297118	BICOLR	UGAN		9	1	34	1	1	1	1
297119	BICOLR	UGAN		9						
297120	BICOLR	UGAN								
297121	BICOLR	UGAN								
297122	BICOLR	UGAN								
297123	BICOLR	UGAN								
297124	BICOLR	UGAN								
297125	BICOLR	UGAN								
297126	BICOLR	UGAN		9	1	37				1
297127	BICOLR	UGAN								
297128	BICOLR	UGAN								
297129	BICOLR	UGAN								
297130	BICOLR	UGAN								
297131	BICOLR	UGAN								
297132	BICOLR	UGAN		9	2	18	1	1	1	2
297133	BICOLR	UGAN								
297134	BICOLR	UGAN		5	2	15	1	1	1	1
297135	BICOLR	UGAN		5	2	12	1	1	1	2
297136	BICOLR	UGAN		5	2	15	1	1	1	1
297137	BICOLR	UGAN		9	2	18	1	1	1	1

Plant introduction No.	Species	Source	Cultivar or other identification	Maturity	Plant use	Plant height (dm)	Plant uniformity	No. nodes per plant	Lodging	Peduncle type	Head uniformity	Head compactness	Head exertion (cm)	Awns	Seed color	Gray leaf spot	Leaf blight	Anthracnose
297138	BICOLR	UGAN	E-78	6	1	23	1			1	1	5			1		1	1
297139	BICOLR	UGAN		6	1	18	1			1	1	5			2		1	1
297140	BICOLR	UGAN		6	1	23	1			1	1	5			4		1	1
297141	BICOLR	UGAN		6	1	23	1			1	1	5					1	1
297143	BICOLR	UGAN		6	1	23	1			1	1	5					1	1
297144	BICOLR	UGAN	E-78															
297147	BICOLR	UGAN																
297148	BICOLR	UGAN		5	1	31	1			1	1	5			1		1	9
297149	BICOLR	UGAN		5	1	20	1			1	1	5			1		1	1
297151	BICOLR	UGAN																
297153	BICOLR	UGAN		9	1	34	1			1	1	5			4		9	
297154	BICOLR	UGAN		5	2	13	1			1	1	1			2		6	
297155	BICOLR	UGAN		5						1	1	5					1	
297156	BICOLR	UGAN		9	1	27	1			1	1	5			1		1	
297157	BICOLR	UGAN																
297158	BICOLR	UGAN																
297159	BICOLR	UGAN		9	2	18	1			1	1	1			2		1	
297160	BICOLR	UGAN		6	1	31	1			1	1	5			2		1	
297161	BICOLR	UGAN			1	24	1			1	1	5			1		1	
297162	BICOLR	UGAN																
297163	BICOLR	UGAN	E-100	5	1	33	1	14	5	1	1	1	3	1	3		1	1
297164	BICOLR	UGAN			1	31	9			1	1	1					1	
297165	BICOLR	UGAN																
297166	BICOLR	UGAN																
297167	BICOLR	UGAN																
297168	BICOLR	UGAN	E-102		1	33	1		3	1	1	1					1	1
297169	BICOLR	UGAN		9	1	18	1			1	1	5			1		3	
297171	BICOLR	UGAN		9	1	18	1			1	1	5			1		1	1
297175	BICOLR	UGAN																
297176	BICOLR	UGAN																
297177	BICOLR	UGAN		5	2	15	1	14		1	1	9	5	1	2		1	1
297178	BICOLR	UGAN		9	1	15	5			1	1	5			1		1	1
297179	BICOLR	UGAN		9	2	14	1			1	1	5			1		1	1
297180	BICOLR	UGAN		1	2	14	1								1		1	9
297181	BICOLR	UGAN																

297182	BICOLR	UGAN	9	2	13	1	1	1	5	1	3
297183	BICOLR	UGAN	9	2	13	1	1	1	5	1	3
297184	BICOLR	UGAN	9	2	12	1	1	1	5	1	1
297185	BICOLR	UGAN	9	2	12	1	1	1	5	1	1
297186	BICOLR	UGAN	9	2	13	5	1	1	9	1	1
297187	BICOLR	UGAN	9	2	14	5	1	1	9	1	5
297188	BICOLR	UGAN	9	2	15	5	1	1	9	1	1
297189	BICOLR	UGAN	9	2	12	1	1	1	9	1	1
297190	BICOLR	UGAN	9	2	15	1	1	1	9	1	1
297192	BICOLR	UGAN	9	2	15	1	1	1	9	1	1
E-143											
297195	BICOLR	UGAN	9	2	11	1	1	1	9	2	5
297196	BICOLR	UGAN	9	1	20	1	1	1	9	1	3
297197	BICOLR	UGAN	9	2	15	1	1	1	9	1	1
297198	BICOLR	UGAN	9	2	15	1	1	1	9	1	1
297199	BICOLR	UGAN	9	2	15	1	1	1	9	2	1
297200	BICOLR	UGAN	9	2	15	1	1	1	9	1	1
297201	BICOLR	UGAN	9	2	12	9	1	1	9	1	5
297202	BICOLR	UGAN	9	2	17	5	1	1	5	3	7
297203	BICOLR	UGAN	9	2	13	1	1	1	5	4	7
297204	BICOLR	UGAN	9	2	13	1	1	1	5	3	7
297205	BICOLR	UGAN	9	1	31	1	3	5	1	3	7
297209	BICOLR	UGAN	9	1	18	1	1	1	9	2	1
297210	BICOLR	UGAN	9	2	15	1	1	1	1	1	1
297211	BICOLR	UGAN	5	2	15	1	1	1	1	1	9
297212	BICOLR	UGAN	9	1	24	5	1	1	5	3	1
297213	BICOLR	UGAN	5	1	24	1	1	1	5	1	7
297214	BICOLR	UGAN	5	1	24	1	1	1	5	1	1
297215	BICOLR	UGAN	5	1	24	1	1	1	5	1	1
297217	BICOLR	UGAN	5	1	24	1	1	1	5	1	1
297219	BICOLR	UGAN	5	1	24	1	1	1	5	1	1
297221	BICOLR	UGAN	5	1	24	1	1	1	5	1	1
297222	BICOLR	UGAN	5	1	24	1	1	1	5	1	1
297223	BICOLR	UGAN	5	1	24	1	1	1	5	1	1
297224	BICOLR	UGAN	5	1	24	1	1	1	5	1	1
297225	BICOLR	UGAN	5	1	24	1	1	1	5	1	1
297226	BICOLR	UGAN	5	1	24	1	1	1	5	1	1
297227	BICOLR	UGAN	5	1	24	1	1	1	5	1	1
297228	BICOLR	UGAN	5	1	24	1	1	1	5	1	1
297229	BICOLR	UGAN	5	1	24	1	1	1	5	1	1
297230	BICOLR	UGAN	5	1	24	1	1	1	5	1	1
297231	BICOLR	UGAN	5	1	24	1	1	1	5	1	1
297232	BICOLR	UGAN	5	1	24	1	1	1	5	1	1
297233	BICOLR	UGAN	5	1	24	1	1	1	5	1	1
297234	BICOLR	UGAN	5	1	24	1	1	1	5	1	1
297235	BICOLR	UGAN	5	1	24	1	1	1	5	1	1
297236	BICOLR	UGAN	5	1	24	1	1	1	5	1	1
E-536											
E-547											
E-565											
E-566											
E-568											
E-1095											
E-1096											
E-1097											



Plant introduction No.	Species	Source	Cultivar or other identification	Maturity	Plant use	Plant height (dm)	Plant uniformity	No. nodes per plant	Lodging	Peduncle type	Head uniformity	Head compactness	Head exsertion (cm)	Awns	Seed color	Gray leaf spot	Leaf blight	Anthracnose
297237	BICOLR	UGAN	E-1153	1	43													1
297238	BICOLR	UGAN	E-1139															1
297240	BICOLR	UGAN																
297241	BICOLR	UGAN																
297242	BICOLR	UGAN	E-1154															1
297243	BICOLR	UGAN	E-1155															
297244	BICOLR	UGAN	E-1156															
297245	BICOLR	UGAN	E-1177															
297246	BICOLR	UGAN																
297247	BICOLR	UGAN	E-1178															
297248	BICOLR	UGAN	E-1180															
297250	BICOLR	UGAN	E-1182															
300115	BICOLR	S AFR	CUL. NO. 446															
300651	BICOLR	NIGIA	KYG 5760-3-10															
300652	BICOLR	NIGIA	SFF 60															
300653	BICOLR	NIGIA	SHABUL															
300654	BICOLR	NIGIA	SK 5912															
302119	BICOLR	S AFR		1	1	15	9		1	2					1			
302120	BICOLR	BELG		1	1	31	1		1	1					1			
302121	BICOLR	PORT		5	1	31	1		1	1					2			
302122	BICOLR	PORT		1	1	18	5		1	1					1			
302123	BICOLR	PORT		5	1	24	5		1	1					1			
302124	BICOLR	PORT		1	2	9	1		1	1					1			
302125	BICOLR	PORT		1	2	9	1		1	1					4			
302126	BICOLR	PORT		5	1	24	9		1	1					4			
302127	BICOLR	PORT		5	1	18	9		1	2					2			
302129	BICOLR	PORT		5	2	14	5		1	1					2			
302135	BICOLR	INDIA		1	1	15	5		1	1					3			
302137	BICOLR	PORT		5	1	34	1		1	1					2			
302139	BICOLR	BURMA																
302141	BICOLR	AUSTL		1	1	24	9		1	1					1			
302142	BICOLR	BURMA			1				1									
302143	BICOLR	ETHI			1				1									
302150	BICOLR	CHAD		5	1	34	1		1	1					2			
302151	BICOLR	CHAD			1				1									



Plant introduction No.	Species	Source	Cultivar or other identification	Maturity	Plant height (dm)	Plant uniformity	No. nodes per plant	Lodging	Peduncle type	Head uniformity	Head compactness	Head exertion (cm)	Awns	Seed color	Gray leaf spot	Leaf blight	Anthracnose
305048	BICOLR	ETHI	R3-82														
305049	BICOLR	ETHI	R3-83														
305050	BICOLR	ETHI	R3-84														
305051	BICOLR	ETHI	R3-85														
305052	BICOLR	ETHI	R3-86														
305053	BICOLR	ETHI	R3-87														
305055	BICOLR	ETHI	R3-90														
305056	BICOLR	ETHI	R3-91														
305081	BICOLR	FRAN	DESEHATS														
305082	BICOLR	FRAN	HYBRIDE VIA-4														
305083	BICOLR	FRAN	RED SEEDS														
305084	BICOLR	FRAN	S-24														
305085	BICOLR	FRAN	S-25														
305086	BICOLR	FRAN	S-26														
305087	BICOLR	FRAN	S-27														
305088	BICOLR	FRAN	TYPE A														
305089	BICOLR	FRAN	TYPE G														
308211	BICOLR	S AFR															
308212	BICOLR	S AFR	NO. 7														
308213	BICOLR	S AFR															
308214	BICOLR	S AFR	NO. 22														
308215	BICOLR	S AFR															
308216	BICOLR	S AFR															
308217	BICOLR	S AFR															
308218	BICOLR	S AFR															
308219	BICOLR	S AFR															
308220	BICOLR	S AFR															
308221	BICOLR	S AFR															
308222	BICOLR	S AFR															
308223	BICOLR	S AFR															
308224	BICOLR	S AFR															
308225	BICOLR	S AFR															
308226	BICOLR	S AFR															
308227	BICOLR	S AFR															

308228	BICOLR	S	AFR
308229	BICOLR	S	AFR
308230	BICOLF	S	AFR
308231	BICOLF	S	AFR
308232	BICOLR	S	AFR
308233	BICOLR	S	AFR
308234	BICOLR	S	AFR
308235	BICOLR	S	AFR
308236	BICOLR	S	AFR
308237	BICOLR	S	AFR
308238	BICOLR	S	AFR
308239	BICOLF	S	AFR
308240	BICOLR	S	AFR
308241	BICOLR	S	AFR
308242	BICOLR	S	AFR
308243	BICOLR	S	AFR
308244	BICOLR	S	AFR
308245	BICOLR	S	AFR
308246	BICOLR	S	AFR
308247	BICOLR	S	AFR
308248	BICOLR	S	AFR
308249	BICOLR	S	AFR
308250	BICOLR	S	AFR
308251	BICOLR	S	AFR
308252	BICOLR	S	AFR
308253	BICOLR	S	AFR
308254	BICOLR	S	AFR
308255	BICOLR	S	AFR
308256	BICOLR	S	AFR
308257	BICOLR	S	AFR
308258	BICOLR	S	AFR
308260	BICOLR	S	AFR
308261	BICOLR	S	AFR
308262	BICOLR	S	AFR
308263	BICOLR	S	AFR
308264	BICOLR	S	AFR
308265	BICOLR	S	AFR
308266	BICOLR	S	AFR
308267	BICOLR	S	AFR
308268	BICOLR	S	AFR
308269	BICOLR	S	AFR
308270	BICOLR	S	AFR
308271	BICOLR	S	AFR
308272	BICOLR	S	AFR
308273	BICOLR	S	AFR
308274	BICOLR	S	AFR

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Plant introduction No.	Species	Source	Cultivar or other identification	Maturity	Plant use	Plant height (dm)	Plant uniformity	No. nodes per plant	Lodging	Peduncle type	Head uniformity	Head compactness	Head exsertion (cm)	Awns	Seed color	Gray leaf spot	Leaf blight	Anthracnose
308275	BICOLR	S AFR	NO. 169															
308276	BICOLR	S AFR																
308277	BICOLR	S AFR																
308278	BICOLR	S AFR																
308279	BICOLR	S AFR																
308280	BICOLR	S AFR																
308281	BICOLR	S AFR																
308282	BICOLR	S AFR																
308283	BICOLR	S AFR																
308284	BICOLR	S AFR																
308285	BICOLR	S AFR																
308286	BICOLR	S AFR																
308287	BICOLR	S AFR																
308288	BICOLR	S AFR																
308289	BICOLR	S AFR																
308290	BICOLR	S AFR																
308291	BICOLR	S AFR																
308292	BICOLR	S AFR																
308293	BICOLR	S AFR																
308294	BICOLR	S AFR																
308295	BICOLR	S AFR																
308296	BICOLR	S AFR																
308297	BICOLR	S AFR																
308298	BICOLR	S AFR																
308299	BICOLR	S AFR																
308300	BICOLR	S AFR																
308301	BICOLR	S AFR																
308302	BICOLR	S AFR																
308303	BICOLR	S AFR																
308304	BICOLR	S AFR																
308305	BICOLR	S AFR																
308306	BICOLR	S AFR																
308307	BICOLR	S AFR																
308308	BICOLR	S AFR																



Plant introduction No.	Species	Source	Cultivar or other identification	Maturity	Plant use	Plant height (dm)	Plant uniformity	No. nodes per plant	Lodging	Peduncle type	Head uniformity	Head compactness	Head exsertion (cm)	Awns	Seed color	Gray leaf spot	Leaf blight	Anthracnose
308356	BICOLR	S AFR	NU. 308															
308357	BICOLR	S AFR																
308358	BICOLR	S AFR																
308359	BICOLR	S AFR		5	1	31	5	12		1	1	5	20	1	1			
308360	BICOLR	S AFR																
308361	BICOLR	S AFR																
308362	BICOLR	S AFR																
308363	BICOLR	S AFR																
308364	BICOLR	S AFR																
308365	BICOLR	S AFR																
308366	BICOLR	S AFR																
308367	BICOLR	S AFR																
308368	BICOLR	S AFR		5	2	17	1	9		1	1	5	20	1	3			
308369	BICOLR	S AFR																
308370	BICOLR	S AFR																
308371	BICOLR	S AFR																
308372	BICOLR	S AFR																
308373	BICOLR	S AFR																
308374	BICOLR	S AFR																
308375	BICOLR	S AFR																
308376	BICOLR	S AFR																
308377	BICOLR	S AFR																
308378	BICOLR	S AFR																
308379	BICOLR	S AFR																
308380	BICOLR	S AFR																
308381	BICOLR	S AFR																
308382	BICOLR	S AFR																
308383	BICOLR	S AFR																
308384	BICOLR	S AFR																
308385	BICOLR	S AFR																
308386	BICOLR	S AFR																
308387	BICOLR	S AFR																
308388	BICOLR	S AFR																
308389	BICOLR	S AFR																
308390	BICOLR	S AFR																





Plant introduction No.	Species	Source	Cultivar or other identification	Maturity	Plant use	Plant height (dm)	Plant uniformity	No. nodes per plant	Lodging	Peduncle type	Head uniformity	Head compactness	Head exertion (cm)	Awns	Seed color	Gray leaf spot	Leaf blight	Anthracnose
308437	BICOLR	S AFR																
308438	BICOLR	S AFR																
308439	BICOLR	S AFR		1	1	34	6	10		1	1	5	15	1	1			
308440	BICOLR	S AFR		5	1	37	1	14		1	1	5		1	3			
308441	BICOLR	S AFR																
308442	BICOLR	S AFR																
308443	BICOLR	S AFR																
308444	BICOLR	S AFR																
308445	BICOLR	S AFR																
308446	BICOLR	S AFR																
308447	BICOLR	S AFR																
308448	BICOLR	S AFR		5	1	18	1	10		1	1	5		1	1			
308449	BICOLR	S AFR																
308450	BICOLR	S AFR																
308451	BICOLR	S AFR																
308452	BICOLR	S AFR																
308453	BICOLR	S AFR																
308454	BICOLR	S AFR																
308455	BICOLR	S AFR																
308456	BICOLR	S AFR																
308457	BICOLR	S AFR																
308458	BICOLR	S AFR																
308459	BICOLR	S AFR	ND. 916															
308460	BICOLR	S AFR																
308461	BICOLR	S AFR																
308462	BICOLR	S AFR																
308463	BICOLR	S AFR																
308464	BICOLR	S AFR																
308465	BICOLR	S AFR																
308466	BICOLR	S AFR																
308467	BICOLR	S AFR																
308468	BICOLR	S AFR																
308469	BICOLR	S AFR																
308470	BICOLR	S AFR																
308471	BICOLR	S AFR																

308472	BICOLR	S AFR	1	2	15	1	12	1	1	5	1	3
308473	BICOLR	S AFR										
308474	BICOLR	S AFR										
308475	BICOLR	S AFR										
308476	BICOLR	S AFR										
308477	BICOLR	S AFR										
308478	BICOLR	S AFR										
308479	BICOLR	S AFR										
308480	BICOLR	S AFR										
308481	BICOLR	S AFR										
308482	BICOLR	S AFR										
308483	BICOLR	S AFR										
308484	BICOLR	S AFR										
308485	BICOLR	S AFR										
308486	BICOLR	S AFR										
308487	BICOLR	S AFR										
308488	BICOLR	S AFR										
308489	BICOLR	S AFR										
308490	BICOLR	S AFR										
308491	BICOLR	S AFR										
308492	BICOLR	S AFR										
308493	BICOLR	S AFR										
308494	BICOLR	S AFR										
308495	BICOLR	S AFR										
308496	BICOLR	S AFR										
308497	BICOLR	S AFR										
308498	BICOLR	S AFR										
308499	BICOLR	S AFR										
314743	BICOLR	USSR										
318905	BICOLR	ETHI										
318906	BICOLR	ETHI										
318907	BICOLR	ETHI										
318908	BICOLR	ETHI										
318909	BICOLR	ETHI										
318910	BICOLR	ETHI										
318911	BICOLR	ETHI										
318912	BICOLR	ETHI										
318913	BICOLR	ETHI										
318914	BICOLR	ETHI										
318915	BICOLR	ETHI										
318916	BICOLR	ETHI										
321097	BICOLR	KENYA										
321099	BICOLR	KENYA										
321101	BICOLR	KENYA										
321102	BICOLR	KENYA										
321138	BICOLR	UGAN										

Plant introduction No.	Species	Source	Cultivar or other identification	Maturity	Plant use	Plant height (dm)	Plant uniformity	No. nodes per plant	Lodging	Peduncle type	Head uniformity	Head compactness	Head exertion (cm)	Awns	Seed color	Gray leaf spot	Leaf blight	Anthraxnose
321139	BICOLR	UGAN	COL. NO. 4621															
321674	BICOLR	TANZ	CGL. NO.															
326289	BICOLR	USSR	K-814															
326290	BICOLR	USSR	K-1418															
326291	BICOLR	USSR	KAFRSKOE BELGE															
326292	BICOLR	USSR	BELOZERNOE UTR-110															
326293	BICOLR	USSR	EFREMOVSKOE 2															
326294	BICOLR	USSR	PENZENSKOJE RANNEJ															
326295	BICOLR	USSR	DFUGARA MESTNAJA															
326296	BICOLR	USSR	DFUGARA NIFKAJA															
326527	BICOLR	GHANA																
329252	BICOLR	ETHI	COL. NO. 613-B															
329253	BICOLR	ETHI		9	2	20	5		1	3	8			2	3			
329254	BICOLR	ETHI		9	2	20	5		1	3	3			1	4			
329255	BICOLR	ETHI		9	1	35	2		1	1	2	1		2	1			
329256	BICOLR	ETHI		9	1	35	2		1	1	2			1	3			
329257	BICOLR	ETHI		9	1	40	6		1	1	6			2	1			
329258	BICOLR	ETHI		9	1	30	4		1	1	3			1	2			
329259	BICOLR	ETHI		9	1	30	2		1	1	2			1	2			
329260	BICOLR	ETHI		9	1	35	3		1	1	1			2	4			
329261	BICOLR	ETHI		9	1	35			1	1				1	1			
329262	BICOLR	ETHI		9	1	35	4		1	1	3	1		2	1			
329263	BICOLR	ETHI		9	2	20	8		3	2	5			2	2			
329264	BICOLR	ETHI		9	2	40	6		3	3	3			2	2			
329265	BICOLR	ETHI		9	2	40			3					2	2			
329266	BICOLR	ETHI		9											4			
329267	BICOLR	ETHI		9	1	45	7		1	1	5	1		2	4			
329268	BICOLR	ETHI		9	1	45	8		3	1	6			2	4			
329269	BICOLR	ETHI		9	1	50	6		1	1	6			2	4			
329271	BICOLR	ETHI		9	1	30	5		1	1	4	1		1	1			
329272	BICOLR	ETHI		9	2	30	3		1	3	3			2	2			
329273	BICOLR	ETHI		9	1	35	5		3	1	4	1		2	3			
329274	BICOLR	ETHI		9	1	45	6		1	1	4	1		2	3			
329275	BICOLR	ETHI		9	2	65	6		3	2	4			1	3			
329276	BICOLR	ETHI		9														

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Plant introduction No.	Species	Source	Cultivar or other identification	Maturity	Plant use	Plant height (dm)	Plant uniformity	No. nodes per plant	Lodging	Peduncle type	Head uniformity	Head compactness	Head exertion (cm)	Awns	Seed color	Gray leaf spot	Leaf blight	Anthraxnose
3293329	BICOLR	ETHI	COL. NO. 135-B	9	1	28	4		1	1	4	1		2	1			
3293330	BICOLR	ETHI		9	1	27	6		1	1	3	1		2				
3293331	BICOLR	ETHI		9	2	25	5		1	1	2			1	2			
3293332	BICOLR	ETHI		9	1	30	3		1	1		1		1	3			
3293333	BICOLR	ETHI		9														
3293334	BICOLR	ETHI	COL. NO. 145-B	9	1	34	6		1	1	3	1		1	3			
3293335	BICOLR	ETHI		9	2	33	8		1	1	3	1		1	1			
3293336	BICOLR	ETHI		9	2	30	3		1	1	3	1		1	3			
3293337	BICOLR	ETHI		9	1	30	4		1	1	1	1		2	1			
3293338	BICOLR	ETHI		9														
3293340	BICOLR	ETHI	COL. NO. 152-B	9	1	30	5		1	1	3			1	3			
3293341	BICOLR	ETHI		9	2	30	3		1	2	2			2	4			
3293342	BICOLR	ETHI		9	1	34	5		1	1	5	1		2	3			
3293343	BICOLR	ETHI		9	1	33	8		1	1	3	1		2	1			
3293344	BICOLR	ETHI		9														
3293345	BICOLR	ETHI	COL. NO. 156-B	9	1	33	2		1	1	1	1		2	1			
3293346	BICOLR	ETHI		9	1	24	3		1	1	2	1		2	1			
3293347	BICOLR	ETHI		9	2	35	5		2	3	3			2	3			
3293348	BICOLR	ETHI		9	1	37	4		1	1	1	1		2	1			
3293349	BICOLR	ETHI		9														
3293350	BICOLR	ETHI	COL. NO. 160-B	9	1	34	3		1	1	2	1		2	1			
3293351	BICOLR	ETHI		9	1	34	3		1	1	1	1		2	1			
3293352	BICOLR	ETHI		9														
3293353	BICOLR	ETHI		9														
3293354	BICOLR	ETHI		9														
3293355	BICOLR	ETHI		9	2	35	5		1	3	2	1		2	4			
3293356	BICOLR	ETHI		9	1	35	3		1	1	2			2	1			
3293357	BICOLR	ETHI		9	1	37	3		1	1	1	1		1	2			
3293358	BICOLR	ETHI		9	2	37	4		1	1	2			2	1			
3293359	BICOLR	ETHI		9														
3293360	BICOLR	ETHI	COL. NO. 175-B	9	3	37	3		1	1	3	1		1	2			
3293361	BICOLR	ETHI		9	1	37	4		1	1	2	1		1	3			
3293362	BICOLR	ETHI		9	3	34	4		1	1	2	1		1	2			
3293363	BICOLR	ETHI		9	1	34	5		1	1	2	1		2	3			
3293364	BICOLR	ETHI		9														

329365	BICOLP	ETHI	COL. NO. 178-B	9	2	33	6	1	1	3	2	2	1
329366	BICOLR	ETHI	COL. NO. 179-B	9	2	33	5	2	1	2	2	2	3
329367	BICOLP	ETHI		9	1	35	4	1	1	4	1	2	1
329368	BICOLR	ETHI		9	1	35							
329369	BICOLR	ETHI		9	1	35							
329370	BICOLR	ETHI		9	2	33	6	1	1	7	2	2	1
329371	BICOLR	ETHI		9	1	37	3	1	1	2	2	1	1
329372	BICOLR	ETHI		9	1	37	3	1	1	2	2	1	1
329373	BICOLR	ETHI		9	1	37	3	1	1	2	2	1	1
329374	BICOLR	ETHI		9	1	37	3	1	1	2	2	1	1
329375	BICOLR	ETHI	COL. NO. 189-B	9	2	32	5	1	1	4	2	2	1
329376	BICOLR	ETHI		9	2	35	3	1	1	3	2	1	1
329377	BICOLR	ETHI		9	2	35	3	1	1	3	2	1	1
329378	BICOLR	ETHI		9	1	35	5	1	1	2	2	1	1
329379	BICOLR	ETHI		9	1	35	5	1	1	2	2	1	1
329381	BICOLR	ETHI	COL. NO. 195-B	9	1	35	5	1	1	1	1	2	1
329382	BICOLR	ETHI		9	1	33	3	1	1	2	1	2	1
329383	BICOLR	ETHI		9	1	33	3	1	1	2	1	2	1
329384	BICOLR	ETHI		9	1	35	3	1	1	2	1	2	1
329385	BICOLR	ETHI		9	1	35	3	1	1	2	1	2	1
329386	BICOLR	ETHI		9	1	33	7	1	1	2	4	2	3
329387	BICOLR	ETHI		9	1	35	7	1	1	2	4	2	3
329388	BICOLR	ETHI	COL. NO. 205-B	9	2	35	6	1	2	3	2	2	4
329389	BICOLR	ETHI		9	2	35	6	1	2	3	2	2	4
329390	BICOLR	ETHI		9	2	35	6	1	2	3	2	2	4
329391	BICOLR	ETHI		9	2	32	5	1	1	2	3	1	1
329392	BICOLR	ETHI		9	2	33	6	1	1	2	3	1	1
329393	BICOLR	ETHI		9	2	33	3	1	1	2	3	1	1
329394	BICOLR	ETHI		9	2	33	3	1	1	2	3	1	1
329395	BICOLR	ETHI		9	2	27	5	1	1	2	3	1	4
329396	BICOLR	ETHI		9	2	34	7	1	1	5	4	4	1
329397	BICOLR	ETHI		9	2	33	6	1	1	5	4	4	2
329398	BICOLR	ETHI		9	2	24	7	1	1	6	4	4	2
329399	BICOLR	ETHI		9	2	34	6	1	1	2	1	2	2
329400	BICOLR	ETHI		9	1	40	3	1	1	2	1	2	2
329401	BICOLR	ETHI		9	1	25	3	1	1	1	2	2	2
329402	BICOLR	ETHI		9	1	40	3	1	1	1	2	2	2
329403	BICOLR	ETHI		9	2	33	4	1	1	2	1	1	1
329404	BICOLR	ETHI		9	2	35	4	1	1	2	1	1	1
329405	BICOLR	ETHI		9	2	32	7	1	1	5	1	1	2
329406	BICOLR	ETHI		9	2	30	3	1	1	1	1	1	4
329407	BICOLR	ETHI	COL. NO. 232-B	9	2	30	3	1	1	1	1	1	3
329408	BICOLR	ETHI	COL. NO. 233-B	9	1	30	3	1	1	1	1	1	3
329409	BICOLR	ETHI	COL. NO. 234-B	9	1	30	3	1	1	1	1	1	3
329410	BICOLR	ETHI		9	1	30	3	1	1	1	1	1	3
329411	BICOLR	ETHI	COL. NO. 235-B	9	1	30	3	1	1	1	1	1	3

Plant introduction No.	Species	Source	Cultivar or other identification	Maturity	Plant use	Plant height (dm)	Plant uniformity	No. nodes per plant	Lodging	Peduncle type	Head uniformity	Head compactness	Head exertion (cm)	Awns	Seed color	Gray leaf spot	Leaf blight	Anthracnose
329412	BICOLR	ETHI	COL. NO. 236-B	9	1	37	3		1	1	1	1		2	2			
329413	BICOLR	ETHI	COL. NO. 237-E															
329414	BICOLR	ETHI																
329415	BICOLR	ETHI	COL. NO. 239-B															
329416	BICOLR	ETHI	COL. NO. 240-B	9	1	38	5		2	1	2			2	2			
329417	BICOLR	ETHI																
329418	BICOLR	ETHI	COL. NO. 242-B															
329419	BICOLR	ETHI	COL. NO. 243-B															
329420	BICOLR	ETHI		9	2	33	3		1	2	2			1	4			
329421	BICOLR	ETHI		9	1	33	3		1	1	1			2	1			
329422	BICOLR	ETHI		9	2	43	4		1	1	2			2	4			
329423	BICOLR	ETHI																
329424	BICOLR	ETHI	COL. NO. 248-B	9	1	34	5		1	1	1			2	3			
329425	BICOLR	ETHI		9	2	28	3		1	3	3			1	3			
329426	BICOLR	ETHI		9	2	27	6		1	1	2			1	3			
329427	BICOLR	ETHI		9	2	40	5		2	2	5			1	4			
329428	BICOLR	ETHI		9	2	33	5		2	1	5			1	1			
329429	BICOLR	ETHI		9	2	38	5		1	1	3			1	2			
329430	BICOLR	ETHI		9	2	38												
329431	BICOLR	ETHI		9	2	30	3		1	1	1			2	3			
329432	BICOLR	ETHI		9	2	35	4		1	2	3			1				
329433	BICOLR	ETHI		9	2													
329434	BICOLR	ETHI		9	1	22	3		1	1	2			1	4			
329435	BICOLR	ETHI		9	1	24	3		1	1	1			1	3			
329436	BICOLR	ETHI																
329437	BICOLR	ETHI		9	1	34	4		2	1	3	1		2	3			
329438	BICOLR	ETHI		9	2	28	5		1	3	3			1	2			
329439	BICOLR	ETHI		9	1	30	4		1	2	2			1	2			
329440	BICOLR	ETHI		9	1	30	2		1	1	1			1	3			
329441	BICOLR	ETHI		9	1	27	3		2	1	1			1	3			
329442	BICOLR	ETHI		9	1	27	4		2	1	1			1	3			
329443	BICOLR	ETHI		9	1	34	3		2	1	1	1		2	1			
329444	BICOLR	ETHI		9	1	33	4		2	1	3	1		2	1			
329445	BICOLR	ETHI	COL. NO. 300-B															
329446	BICOLR	ETHI		9	1	30	6		2	1	4	1		2	1			

329447	BICOLR	ETHI	9	1	30	5	1	1	1	2	1	1	1	3
329448	BICOLR	ETHI	9	1	27	7	1	1	1	5	1	1	1	1
329449	BICOLR	ETHI	9	1	27	6	1	1	1	2	1	1	1	4
329450	BICOLR	ETHI	9	1	31	5	1	1	1	2	1	1	1	1
329451	BICOLR	ETHI	9	1	28	8	1	1	1	6	1	1	1	1
329452	BICOLR	ETHI	9	1	32	7	1	1	1	3	1	1	1	1
329453	BICOLR	ETHI	9	1	26	6	1	1	1	2	1	1	1	3
329454	BICOLR	ETHI	9	1	26	5	1	1	1	2	1	1	1	1
329455	BICOLR	ETHI	9	1	26	4	1	1	1	3	1	1	1	4
329456	BICOLR	ETHI	9	1	38	8	1	1	1	6	1	1	1	3
329457	BICOLR	ETHI	9	1	31	6	1	1	1	4	1	1	1	3
329458	BICOLR	ETHI	9	1	43	5	1	1	1	1	1	1	1	1
329459	BICOLR	ETHI	9	1	23	5	1	1	1	1	1	1	1	1
329460	BICOLR	ETHI	9	1	23	3	1	1	1	1	1	1	1	4
329461	BICOLR	ETHI	9	1	22	7	1	1	1	2	1	1	1	4
329462	BICOLR	ETHI	9	1	45	3	1	1	1	2	1	1	1	1
329463	BICOLR	ETHI	9	1	50	6	1	1	1	2	1	1	1	1
329464	BICOLR	ETHI	9	1	23	9	1	1	1	7	1	1	1	4
329465	BICOLR	ETHI	9	1	39	2	1	1	1	1	1	1	1	1
329466	BICOLR	ETHI	9	1	35	6	1	1	1	4	1	1	1	1
329468	BICOLR	ETHI	9	1	34	5	1	1	1	3	1	1	1	2
329469	BICOLR	ETHI	9	1	45	3	1	1	1	3	1	1	1	1
329470	BICOLR	ETHI	9	1	45	3	1	1	1	3	1	1	1	1
329471	BICOLR	ETHI	9	1	45	3	1	1	1	3	1	1	1	1
329472	BICOLR	ETHI	9	1	30	5	1	1	1	2	1	1	1	1
329473	BICOLR	ETHI	9	1	30	3	1	1	1	3	1	1	1	1
329475	BICOLR	ETHI	9	2	20	3	1	1	1	1	1	1	1	1
329476	BICOLR	ETHI	9	1	28	2	1	1	1	1	1	1	1	1
329477	BICOLR	ETHI	9	1	42	3	1	1	1	1	1	1	1	1
329478	BICOLR	ETHI	9	1	42	3	1	1	1	1	1	1	1	1
329479	BICOLR	ETHI	9	1	30	3	1	1	1	2	1	1	1	1
329480	BICOLR	ETHI	9	1	30	2	1	1	1	2	1	1	1	1
329481	BICOLR	ETHI	9	1	45	2	1	1	1	1	1	1	1	1
329482	BICOLR	ETHI	9	1	45	2	1	1	1	1	1	1	1	1
329483	BICOLR	ETHI	9	1	45	4	1	1	1	1	1	1	1	1
329484	BICOLR	ETHI	9	1	31	3	1	1	1	1	1	1	1	1
329485	BICOLR	ETHI	9	1	24	2	1	1	1	2	1	1	1	1
329486	BICOLR	ETHI	9	1	32	4	1	1	1	2	1	1	1	1
329487	BICOLR	ETHI	9	1	27	5	1	1	1	2	1	1	1	1
329488	BICOLR	ETHI	9	1	45	5	1	1	1	2	1	1	1	1
329489	BICOLR	ETHI	9	1	39	7	1	1	1	5	1	1	1	1
329490	BICOLR	ETHI	9	1	40	7	1	1	1	4	1	1	1	2
329491	BICOLR	ETHI	9	1	40	5	1	1	1	2	1	1	1	1
329492	BICOLR	ETHI	9	1	40	5	1	1	1	4	1	1	1	2
329493	BICOLR	ETHI	9	1	41	5	1	1	1	2	1	1	1	1
329494	BICOLR	ETHI	9	1	41	5	1	1	1	2	1	1	1	1



Plant introduction No.	Species	Source	Cultivar or other identification	Maturity	Plant use	Plant height (dm)	Plant uniformity	No. nodes per plant	Lodging	Peduncle type	Head uniformity	Head compactness	Head exertion (cm)	Awns	Seed color	Gray leaf spot	Leaf blight	Anthracnose
329495	BICOLR	ETHI	CCL. NO. 414-B	9	1	43	2		1	1	3	1		2	1			
329496	BICOLR	ETHI		9	1	44	6		2						1			
329497	BICOLR	ETHI																
329499	BICOLR	ETHI	CCL. NO. 419-B	9	1	39	4		3	1	3	1		2	1			
329500	BICOLR	ETHI		9	1	37	3		1	1	2	1		2	1			
329501	BICOLR	ETHI	CCL. NO. 607-B															
329504	BICOLR	ETHI	CCL. NO. 609-B															
329505	BICOLR	ETHI																
329506	BICOLR	ETHI	COL. NO. 611-B	9	1	36	3		1	1	4	1		2	1			
329507	BICOLR	ETHI		9	1	24	3		1	1	6	1		2	2			
329508	BICOLR	ETHI		9	1	40	5		1	1	3	1		2	1			
329509	BICOLR	ETHI		9	1	33	4		1	1	2	1		2	1			
329510	BICOLR	ETHI		9	1													
329511	BICOLR	ETHI		9	1	34	6		1	1	4	1		2	1			
329512	BICOLR	ETHI		9	1	38	7		1	1	6	1		2	2			
329513	BICOLR	ETHI		9	1	41	5		1	1	5	1		2	2			
329514	BICOLR	ETHI		9	1	35	4		1	1	3	1		2	2			
329515	BICOLR	ETHI	COL. NO. 620-B															
329516	BICOLR	ETHI	COL. NO. 621-B	9	1	35	6		1	1	5	1		2	1			
329517	BICOLR	ETHI		9	1	35	4		1	1	3	1		2	2			
329518	BICOLR	ETHI		9	1	33	6		2	1	4	1		2	1			
329519	BICOLR	ETHI		9	1	33	3		1	1	2	1		2	1			
329520	BICOLR	ETHI		9	1	33			1	1		1		2	1			
329521	BICOLR	ETHI		9	1	39	4		3	1	3	1		2	1			
329522	BICOLR	ETHI		9	1	40	7		2	1	3	1		2	1			
329523	BICOLR	ETHI	CCL. NO. 630-B	9	1	32	5		1	1	4	1		2	2			
329524	BICOLR	ETHI		9	1	38	7		1	1	3	1		2	2			
329525	BICOLR	ETHI		9	1													
329526	BICOLR	ETHI	COL. NO. 633-B	9	1	35	3		1	1	2	1		2	1			
329527	BICOLR	ETHI		9	3	35	6		1	1	4	1		1	3			
329528	BICOLR	ETHI		9	1	30	3		1	1	3	1		2	1			
329529	BICOLR	ETHI		9	1	33	1		1	1	1	1		2	1			
329530	BICOLR	ETHI		9	1													
329531	BICOLR	ETHI		9	1	25	8		1	1	6	1		2	1			
329532	BICOLR	ETHI		9	3	35	6		1	1	4	1		1	3			

329533	BICOLR	ETHI	9	1	26	4	1	1	1	4	1	1	2	1
329534	BICOLR	ETHI	9	1	30	7	1	1	1	6	1	1	2	1
329535	BICOLR	ETHI	9	1	30	6	1	1	1	5	1	1	2	1
329536	BICOLR	ETHI	9	1	19	5	1	1	1	3	1	1	2	1
329537	BICOLR	ETHI	9	1	26	3	1	1	1	3	1	1	1	1
329540	BICOLR	ETHI	9	1	20	5	1	1	1	4	1	1	1	1
329541	BICOLR	ETHI	9	1	25	4	1	1	1	3	1	1	2	3
329542	BICOLR	ETHI	9	3	24	3	1	1	1	3	1	1	2	3
329543	BICOLR	ETHI	9	1	30	3	1	1	1	2	1	1	2	3
329544	BICOLR	ETHI	9	1	32	3	1	1	1	2	1	1	2	3
329545	BICOLR	ETHI	9	1	38	3	1	1	1	2	1	1	2	3
329546	BICOLR	ETHI	9	1										
329547	BICOLR	ETHI	9	1										
COL. NO. 657-B														
329549	BICOLR	ETHI	9	1	30	5	1	1	1	2	1	1	2	2
329550	BICOLR	ETHI	9	1	40	7	1	1	1	4	1	1	2	2
329551	BICOLR	ETHI	9	1	45	4	1	1	1	2	1	1	2	3
329552	BICOLR	ETHI	9	1	50	8	1	1	1	5	1	1	2	3
329553	BICOLR	ETHI	9	1	30									
329554	BICOLR	ETHI	9	1	40	4	1	1	1	2	1	1	2	1
329555	BICOLR	ETHI	9	1	39	4	1	1	1	2	1	1	2	1
329556	BICOLR	ETHI	9	3	25	6	1	1	1	4	1	1	2	3
329557	BICOLR	ETHI	9	1	50	4	1	1	1	4	1	1	2	1
329558	BICOLR	ETHI	9	1	33	5	1	1	1	3	1	1	2	1
329559	BICOLR	ETHI	9	1	25	8	1	1	1	5	1	1	2	2
329560	BICOLR	ETHI	9	1	25	7	1	1	1	2	1	1	2	1
329561	BICOLR	ETHI	9	1	34	6	1	1	1	3	1	1	2	4
329562	BICOLR	ETHI	9	2	28	3	1	1	1	2	1	1	2	4
329563	BICOLR	ETHI	9	1										
329564	BICOLR	ETHI	9	1	29	3	1	1	1	3	1	1	2	2
329566	BICOLR	ETHI	9	1	28	5	1	1	1	3	1	1	2	4
329567	BICOLR	ETHI	9	1	27	8	1	1	1	6	1	1	2	2
329568	BICOLR	ETHI	9	1	40	7	1	1	1	5	1	1	2	2
329569	BICOLR	ETHI	9	1										
329570	BICOLR	ETHI	9	2	39	5	1	1	1	4	1	1	2	1
329571	BICOLR	ETHI	9	1	40	7	1	1	1	1	1	1	2	1
329572	BICOLR	ETHI	9	1	35	7	1	1	1	2	1	1	2	1
329573	BICOLR	ETHI	9	1	45	3	1	1	1	3	1	1	2	1
329574	BICOLR	ETHI	9	1										
329575	BICOLR	ETHI	9	1	37	5	1	1	1	2	1	1	2	1
329576	BICOLR	ETHI	9	1	37	3	1	1	1	3	1	1	2	1
329577	BICOLR	ETHI	9	1	37	6	1	1	1	3	1	1	2	1
329578	BICOLR	ETHI	9	1										
329579	BICOLR	ETHI	9	1										
COL. NO. 709-B														
329580	BICOLR	ETHI	9	1	73	7	1	1	1	4	1	1	2	3
329581	BICOLR	ETHI	9	1	28	6	1	1	1	4	1	1	2	1
329583	BICOLR	ETHI	9	1	28	8	1	1	1	4	1	1	2	1

Plant introduction No.	Species	Source	Cultivar or other identification	Maturity	Plant use	Plant height (dm)	Plant uniformity	No. nodes per plant	Lodging	Peduncle type	Head uniformity	Head compactness	Head exsertion (cm)	Awns	Seed color	Gray leaf spot	Leaf blight	Anthraco
329584	BICOLR	ETHI		6	1	40	8		3	1	5	1		2	1			
329585	BICOLR	ETHI		6	1	35	5		3	1	5	1		2	1			
329586	BICOLR	ETHI		6	1	38	5		1	1	3	1		2	1			
329587	BICOLR	ETHI		6	1	43	9		2	1	4	1		2	1			
329589	BICOLR	ETHI		6	2	30	4		1	1	2			2	1			
329590	BICOLR	ETHI		6	2	27	5		1	1	2			2	1			
329591	BICOLR	ETHI		6	2	40	5		3	1	2			2	1			
329592	BICOLR	ETHI	COL. NO. 732-B															
329593	BICOLR	ETHI	CCL. NO. 733-B															
329594	BICOLR	ETHI	CCL. NO. 734-B															
329595	BICOLR	ETHI	CCL. NO. 735-B															
329596	BICOLR	ETHI		9	2	40	4		3	2	3			1	4			
329597	BICOLR	ETHI		9	2	30	6		3	3	4			1	2			
329598	BICOLR	ETHI		6	2	38	5		3	3	2			1	4			
329599	BICOLR	ETHI		9	1	40	6		3	1	2			2	2			
329600	BICOLR	ETHI		6	2	40	4		3	3	2			2	4			
329601	BICOLR	ETHI	CCL. NU. 739-B															
329602	BICOLR	ETHI		9	1	38	4		2	1	2			2	3			
329603	BICOLR	ETHI		9	1	36	7		3	1	5			2	4			
329604	BICOLR	ETHI		9	1	39	3		3	1	2			2	1			
329605	BICOLR	ETHI		6	1	39			1	1	2			2	1			
329606	BICOLR	ETHI		9	1				3	1	2			2	1			
329607	BICOLR	ETHI		9	1	32	3		1	1	3			2	1			
329608	BICOLR	ETHI		9	1	40			3	1	5			2	2			
329609	BICOLR	ETHI		9	1	45	8		3	1	3			2	3			
329610	BICOLR	ETHI		9	3	45	7		2	1	4			2	1			
329611	BICOLR	ETHI		9	1	45			1	1	3			2	1			
329612	BICOLR	ETHI		9	1	40	7		3	1	3			2	1			
329613	BICOLR	ETHI		9	1	30	3		1	1	3			2	1			
329614	BICOLR	ETHI		9	1	33	6		3	1	4			2	1			
329615	BICOLR	ETHI		9	1	30	5		1	1	3			2	1			
329616	BICOLR	ETHI		9	1	27	5		1	1	2			2	1			
329617	BICOLR	ETHI		9	1	45	2		1	1	3			2	1			
329618	BICOLR	ETHI		9	1				3	1	3			2	1			

## COL. NO. 759-B

329619	ETHI	BICOLR	ETHI	9	1	31	5	3	1	3	1	2	1
329620	ETHI	BICOLR	ETHI	9	1	30	5	1	1	4	1	2	
329622	ETHI	BICOLR	ETHI										
329623	ETHI	BICOLR	ETHI	9	1	30	2	2	1	2	1	2	1
329624	ETHI	BICOLR	ETHI	9	1	40	3	1	1	2	1	2	
329626	ETHI	BICOLR	ETHI	9	1	35	3	1	1	3	1	2	3
329628	ETHI	BICOLR	ETHI	9	1	40	3	1	1	3	1	2	1
329629	ETHI	BICOLR	ETHI										1
329630	ETHI	BICOLR	ETHI	9	1	30	5	1	1	5	1	2	1
329631	ETHI	BICOLR	ETHI	9	3	30	4	2	1	1	1	2	1
329632	ETHI	BICOLR	ETHI	9	3	37	2	1	1	4	1	2	1
329633	ETHI	BICOLR	ETHI	9	1	37	4	1	1	2	1	2	1
329634	ETHI	BICOLR	ETHI	9	1	34	3	1	1	3	1	2	1
329635	ETHI	BICOLR	ETHI	9	3	37	3	1	1	3	1	1	1
329636	ETHI	BICOLR	ETHI	9	3	37	3	1	1	4	1	1	3
329637	ETHI	BICOLR	ETHI	9	3	37	3	2	1	3	1	1	1
329638	ETHI	BICOLR	ETHI	9	3	37	3	1	1	2	1	1	2
329639	ETHI	BICOLR	ETHI	9	1	35	5	1	1	2	1	1	3
329640	ETHI	BICOLR	ETHI	9	3	34	5	1	1	4	1	1	4
329641	ETHI	BICOLR	ETHI	9	1	34	3	1	1	4	1	2	1
329642	ETHI	BICOLR	ETHI	9	1	29	3	1	1	3	1	2	1
329643	ETHI	BICOLR	ETHI	9	1	37	5	1	1	3	1	2	1
329644	ETHI	BICOLR	ETHI	9	1	37	2	1	1	2	1	2	1
329645	ETHI	BICOLR	ETHI										
329646	ETHI	BICOLR	ETHI	9	1	40	3	3	1	3	1	2	1
329647	ETHI	BICOLR	ETHI	9	1	42	5	1	1	1	1	1	2
329648	ETHI	BICOLR	ETHI	9	1	42	2	2	1	3	1	1	1
329649	ETHI	BICOLR	ETHI										

## COL. NO. 801-B

329650	ETHI	BICOLR	ETHI	9	1	40	1	1	1	2	1	1	2
329651	ETHI	BICOLR	ETHI										
329652	ETHI	BICOLR	ETHI	9	1	40	6	1	1	2	1	1	2
329653	ETHI	BICOLR	ETHI	9	1	40		1	1	3	1	1	
329655	ETHI	BICOLR	ETHI										
329656	ETHI	BICOLR	ETHI	9	1	37	5	1	1	3	1	2	1
329657	ETHI	BICOLR	ETHI	9	1	37	3	1	1	3	1	2	3
329658	ETHI	BICOLR	ETHI	9	1	33	5	1	1	2	1	2	1
329659	ETHI	BICOLR	ETHI	9	1	32	2	1	1	3	1	2	4
329660	ETHI	BICOLR	ETHI										
329661	ETHI	BICOLR	ETHI	9	1	40	4	1	1	3	1	2	2
329662	ETHI	BICOLR	ETHI	9	1	42	4	1	1	3	1	2	1
329663	ETHI	BICOLR	ETHI	9	1	40	4	1	1	4	1	2	1
329664	ETHI	BICOLR	ETHI										
329665	ETHI	BICOLR	ETHI	9	1	30	6	1	1	2	1	2	2
329666	ETHI	BICOLR	ETHI	9	1	34	5	1	1	3	1	2	4
329667	ETHI	BICOLR	ETHI	9	1	25	2	1	1	2	1	2	2
329668	ETHI	BICOLR	ETHI	9	1	28	6	1	1	2	1	2	1



Plant introduction No.	Species	Source	Cultivar or other identification	Maturity	Plant use	Plant height (dm)	Plant uniformity	No. nodes per plant	Lodging	Peduncle type	Head uniformity	Head compactness	Head exertion (cm)	Awns	Seed color	Gray leaf spot	Leaf blight	Anthraxnose
329669	BICOLR	ETHI	COL. NO. 824-B												1			
329670	BICOLR	ETHI																
329671	BICOLR	ETHI	COL. NO. 832-B	9	1	29	3		1	1	2	1		2	2			
329672	BICOLR	ETHI		9	1	24	3		1	1	2	1		2	2			
329673	BICOLR	ETHI		9	1	32	6		2	1	4	1		2	2			
329674	BICOLR	ETHI		9	1	28	3		2	1	2	1		2	1			
329675	BICOLR	ETHI		6	1	40	7		2	1	4	1		2	1			
329676	BICOLR	ETHI	COL. NO. 832-B	9	1	30	4		2	1	4	1		2	1			
329677	BICOLR	ETHI		9	1	35	9		2	1	4	1		2	1			
329678	BICOLR	ETHI																
329679	BICOLR	ETHI		9	1	30	5		2	1	4	1		2	2			
329682	BICOLR	ETHI																
329683	BICOLR	ETHI	COL. NO. 838-B	9	1	32	4		2	1	2	1		2	2			
329684	BICOLR	ETHI																
329685	BICOLR	ETHI		9	1	38	4		2	1	4			1	2			
329686	BICOLR	ETHI		9	1	35	3		2	1	7	1		2	1			
329687	BICOLR	ETHI		9	1		4		1	1	6	1		1				
329688	BICOLR	ETHI		9	1	35	7		2	1	6	1		1	3			
329689	BICOLR	ETHI		9	1	35	7		2	1	5	1		2	1			
329690	BICOLR	ETHI		9	3	36	5		2	1	3	1		1	1			
329691	BICOLR	ETHI																
329692	BICOLR	ETHI																
329693	BICOLR	ETHI																
329695	BICOLR	ETHI																
329698	BICOLR	ETHI		9	3	38	7		1	1	4	1		2	1			
329699	BICOLR	ETHI		9	2	33	6		1	1	4			2				
329700	BICOLR	ETHI		9	1	24	4		1	1	4			2				
329701	BICOLR	ETHI	COL. NO. R-62	9	1	30	3		1	1	1	1		2	3			
329702	BICOLR	ETHI		9	1	31	6		1	1	6	1		2	1			
329704	BICOLR	ETHI																
329705	BICOLR	ETHI		9	1	30	4		1	1	2	1		2	1			
329706	BICOLR	ETHI		9	1	32	7		1	1	7	1		2	1			
329707	BICOLR	ETHI		9	1	22	7		1	1	3	1		2	4			
329708	BICOLR	ETHI		9	1	33	5		1	1	2	1		2	2			

329709	BICOLR	ETHI	9	1	32	6	1	1	1	4	1	2	4
329710	BICOLR	ETHI	9	1	35	6	1	1	1	2	1	2	1
329711	BICOLR	ETHI	9	1	30	3	1	1	1	2	1	1	1
CCL. NO. R-79													
329712	BICOLR	ETHI	9	1	30	4	1	1	1	4	1	2	2
329713	BICOLR	ETHI	9	1	34	5	1	1	1	3	1	1	1
329714	BICOLR	ETHI	9	1	36	4	1	1	1	2	1	1	1
329715	BICOLR	ETHI	9	1	40	7	1	1	1	4	1	1	2
329716	BICOLR	ETHI	9	1	37	7	1	1	1	5	1	1	1
329717	BICOLR	ETHI	9	1	25	8	1	1	1	4	1	2	2
329718	BICOLR	ETHI	9	1	33	6	1	1	1	3	1	3	3
329719	BICOLR	ETHI	9	1	38	6	1	1	1	2	1	1	2
329720	BICOLR	ETHI	9	1	38	5	1	1	1	1	1	1	3
329721	BICOLR	ETHI	9	2	38	5	1	1	1	1	1	1	3
329722	BICOLR	ETHI	9	1	45	4	1	1	1	2	1	2	2
329723	BICOLR	ETHI	9	1	30	2	1	1	1	1	1	1	1
329724	BICOLR	ETHI	9	1	43	3	1	1	1	1	1	1	1
329725	BICOLR	ETHI	9	1	40	5	1	1	1	1	1	1	1
329726	BICOLR	ETHI	9	1	38	5	1	1	1	1	1	1	1
CCL. NO. R-95													
329727	BICOLR	ETHI	9	1	33	6	1	1	1	3	1	1	4
329728	BICOLR	ETHI	9	1	33	6	1	1	1	3	1	1	4
329729	BICOLR	ETHI	9	1	33	6	1	1	1	3	1	1	4
329730	BICOLR	ETHI	9	1	33	6	1	1	1	3	1	1	4
329731	BICOLR	ETHI	9	1	33	6	1	1	1	3	1	1	4
CCL. NO. R-96													
329732	BICOLR	ETHI	9	1	40	6	1	1	1	2	1	1	4
329733	BICOLR	ETHI	9	1	38	6	1	1	1	2	1	1	4
329735	BICOLR	ETHI	9	1	24	8	1	1	1	5	1	1	3
329736	BICOLR	ETHI	9	1	30	3	1	1	1	1	1	1	3
329738	BICOLR	ETHI	9	1	33	5	1	1	1	1	1	1	3
CCL. NO. R-115													
329739	BICOLR	ETHI	9	1	35	4	1	1	1	2	1	1	3
329741	BICOLR	ETHI	9	1	35	4	1	1	1	2	1	1	3
329742	BICOLR	ETHI	9	1	35	4	1	1	1	2	1	1	3
329743	BICOLR	ETHI	9	1	38	5	1	1	1	2	1	1	1
329744	BICOLR	ETHI	9	1	38	5	1	1	1	2	1	1	1
329745	BICOLR	ETHI	9	1	33	4	1	1	1	3	1	1	4
329746	BICOLR	ETHI	9	1	38	5	1	1	1	3	1	1	3
329747	BICOLR	ETHI	9	1	38	7	1	1	1	3	1	1	3
329748	BICOLR	ETHI	9	1	34	4	1	1	1	2	1	1	1
329749	BICOLR	ETHI	9	1	34	2	1	1	1	2	1	1	3
CCL. NO. R-128													
329750	BICOLR	ETHI	9	2	35	3	1	1	1	1	1	1	1
329751	BICOLR	ETHI	9	2	30	3	1	1	1	1	1	1	1
329752	BICOLR	ETHI	9	2	25	4	1	1	1	2	1	1	1
329753	BICOLR	ETHI	9	2	25	4	1	1	1	2	1	1	1
329754	BICOLR	ETHI	9	2	25	4	1	1	1	2	1	1	1
CCL. NO. R-130													
329755	BICOLR	ETHI	9	1	33	7	1	1	1	5	1	1	1
329756	BICOLR	ETHI	9	1	17	1	1	1	1	1	1	1	3
329757	BICOLR	ETHI	9	1	17	1	1	1	1	1	1	1	3

Plant introduction No.	Species	Source	Cultivar or other identification	Maturity	Plant use	Plant height (dm)	Plant uniformity	No. nodes per plant	Lodging	Peduncle type	Head uniformity	Head compactness	Head exsertion (cm)	Awns	Seed color	Gray leaf spot	Leaf blight	Anthraxnose
329758	BICOLR	ETHI	COL. NU. R-147	9	2	28	5		2	3	2			1	3			
329759	BICOLR	ETHI		6	2	27	4		2	2				1	3			
329760	BICOLR	ETHI		9	1	28	4		1	1	2			1	3			
329761	BICOLR	ETHI		9	2	30	3		1	2	1			1	1			
329762	BICOLR	ETHI		6	1	24	3		1	1	1			1	3			
329763	BICOLR	ETHI	COL. NU. R-147	9	2	25	3		3	2	2			2	1			
329764	BICOLR	ETHI		9	2	25	3		3	2	2			2	1			
329765	BICOLR	ETHI		9	2	33	4		1	3	2			2	3			
329766	BICOLR	ETHI		9	2	38	4		1	2	2			2	3			
329767	BICOLR	ETHI		9	2	35	3		2	2	2			2	3			
329768	BICOLR	ETHI	COL. NU. R-163	9	2	35	4		2	2	2			2	1			
329769	BICOLR	ETHI		6	2	35	4		2	2	2			2	1			
329771	BICOLR	ETHI		9	1	30	3		1	1	1			2	1			
329772	BICOLR	ETHI		9	2	38	5		1	3	4			1	4			
329773	BICOLR	ETHI		9	2	28	4		2	1	2			1	4			
329774	BICOLR	ETHI	COL. NU. R-163	9	1	34	6		2	1	2			1	3			
329775	BICOLR	ETHI		9	2	40	4		2	3	2			1	3			
329776	BICOLR	ETHI		9	2	38	3		1	3	1			1	4			
329778	BICOLR	ETHI		9	2	37	6		1	3	5			2	1			
329779	BICOLR	ETHI		9	2	37	6		1	3	1			2	1			
329780	BICOLR	ETHI	COL. NU. R-174	9	1	34	3		1	1	1			1	3			
329781	BICOLR	ETHI		9	1	35	1		1	1	1			2	4			
329782	BICOLR	ETHI		9	1	25	1		1	1	2			1	1			
329783	BICOLR	ETHI		9	2	30	5		1	3	4			2	1			
329784	BICOLR	ETHI		9	1	30	4		1	1	3			2	1			
329785	BICOLR	ETHI	COL. NU. R-174	9	1	26	2		2	1	2			1	4			
329786	BICOLR	ETHI		9	1	25	5		2	2	2			1	3			
329787	BICOLR	ETHI		9	1	41	3		1	1	2			2	3			
329788	BICOLR	ETHI		9	1	29	4		2	1	3			1	3			
329789	BICOLR	ETHI		9	1	25	5		1	1	1			1	4			
329790	BICOLR	ETHI	COL. NU. R-174	9	1	23	3		1	2	2			1	4			
329791	BICOLR	ETHI		9	2	23	3		1	2	2			1	4			
329792	BICOLR	ETHI		9	2	20	2		1	1	1			1	3			
329793	BICOLR	ETHI		9	2	17	4		1	1	3			1	1			

329794	BICOLR	ETHI	9	2	23	4	1	1	2	1	3
329795	BICOLR	ETHI	9	1	28	2	1	1	2	1	3
329796	BICOLR	ETHI	9	2	25	3	2	1	2	1	4
CCL: NO. R-185											
329797	BICOLR	ETHI	9	1	27	3	1	1	1	1	3
329798	BICOLR	ETHI									
329799	BICOLR	ETHI	9	1	23	3	2	1	2	1	3
329800	BICOLR	ETHI	9	1	23	3	2	1	2	1	3
329801	BICOLR	ETHI									
CCL: NO. R-186											
329802	BICOLR	ETHI	9	2	21	2	1	1	2	1	3
329803	BICOLR	ETHI	9	2	27	2	1	3	1	1	1
329804	BICOLR	ETHI	9	2	27	2	1	3	1	1	1
329805	BICOLR	ETHI	9	1	24	4	2	1	2	1	1
329806	BICOLR	ETHI	9	1	24	4	2	1	2	1	1
CCL: NO. R-185											
329807	BICOLR	ETHI	9	2	29	2	2	3	1	1	3
329808	BICOLR	ETHI	9	2	30	4	2	2	2	1	3
329809	BICOLR	ETHI	9	2	30	4	2	2	2	1	3
329810	BICOLR	ETHI	9	2	12	2	1	1	1	1	3
329811	BICOLR	ETHI	9	2	12	2	1	1	1	1	3
CCL: NO. R-186											
329812	BICOLR	ETHI	9	2	25	4	2	2	2	1	3
329813	BICOLR	ETHI	9	1	29	2	1	1	2	1	3
329814	BICOLR	ETHI	9	1	27	4	2	1	2	1	3
329815	BICOLR	ETHI	9	1	35	6	1	1	3	1	3
329816	BICOLR	ETHI	9	1	35	6	1	1	3	1	3
CCL: NO. R-229											
329817	BICOLR	ETHI	9	1	35	4	2	1	1	1	3
329818	BICOLR	ETHI	9	1	37	2	1	1	2	1	3
329819	BICOLR	ETHI	9	1	28	3	1	1	2	1	3
329820	BICOLR	ETHI	9	1	32	3	1	1	2	1	3
329821	BICOLR	ETHI	9	1	35	3	1	1	2	1	3
CCL: NO. R-229											
329822	BICOLR	ETHI	9	1	35	6	1	1	1	1	3
329823	BICOLR	ETHI	9	1	40	2	1	1	1	1	3
329824	BICOLR	ETHI	9	1	35	7	1	1	1	1	3
329825	BICOLR	ETHI	9	1	35	7	1	1	1	1	3
329826	BICOLR	ETHI	9	1	35	7	1	1	1	1	3
CCL: NO. R-229											
329827	BICOLR	ETHI	9	1	35	8	1	1	1	1	3
329828	BICOLR	ETHI	9	1	35	5	1	1	1	1	3
329829	BICOLR	ETHI	9	1	35	5	1	1	1	1	3
329830	BICOLR	ETHI	9	1	33	4	1	1	1	1	3
329831	BICOLR	ETHI	9	1	42	2	1	1	1	1	3
CCL: NO. R-229											
329832	BICOLR	ETHI	9	1	42	4	1	1	1	1	3
329833	BICOLR	ETHI	9	1	40	5	1	1	1	1	3
329834	BICOLR	ETHI	9	1	42	2	1	1	1	1	3
329835	BICOLR	ETHI	9	1	42	2	1	1	1	1	3
329836	BICOLR	ETHI	9	1	42	2	1	1	1	1	3
CCL: NO. R-253											
329837	BICOLR	ETHI	9	1	40	2	1	1	1	1	3
329838	BICOLR	ETHI	9	1	38	4	1	1	1	1	3
329839	BICOLR	ETHI	9	1	38	4	1	1	1	1	3



Plant introduction No.	Species	Source	Cultivar or other identification	Maturity	Plant use	Plant height (dm)	Plant uniformity	No. nodes per plant	Lodging	Peduncle type	Head uniformity	Head compactness	Head exertion (cm)	Awns	Seed color	Gray leaf spot	Leaf blight	Anthraxnose
329841	BICOLR	ETHI		9	1	45	6		1	1	2	1		2	1			
329843	BICOLR	ETHI		9	1	40	2		3	1	2	1		2	1			
329844	BICOLR	ETHI		9	1	37	7		1	1	5	1		2	1			
329845	BICOLR	ETHI		9	1	35	7		2	1	5							
329846	BICOLR	ETHI																
329848	BICOLR	ETHI	COL: NO. R-308															
329849	BICOLR	ETHI	COL: NO. R-309															
329852	BICOLR	ETHI	COL: NO. R-317															
329853	BICOLR	ETHI	COL: NO. R-318	9	1	37	6		1	1	3	1		1	3			
329854	BICOLR	ETHI																
329855	BICOLR	ETHI	COL: NO. R-321	9	1	35	6		2	1	4	1		1	1			
329856	BICOLR	ETHI																
329857	BICOLR	ETHI		9	1	38	4		3	1	2	1		2	4			
329858	BICOLR	ETHI		9	1	34	7		1	1	3	1		2	3			
329859	BICOLR	ETHI		9	1	33	6		1	1	3	1		1	4			
329860	BICOLR	ETHI		9	1	35	3		1	1	6	1		1	3			
329861	BICOLR	ETHI	COL: NO. R-330															
329862	BICOLR	ETHI	COL: NO. R-331															
329863	BICOLR	ETHI	COL: NO. R-336	9	1	40	3		1	1	1	1		1				
329864	BICOLR	ETHI		9	1	38	3		1	1	3	1		1				
329865	BICOLR	ETHI		9	1	38	4		3	1	1	1		1				
329866	BICOLR	ETHI																
329867	BICOLR	ETHI		9	1	40	6		1	1	2	1		1	4			
329868	BICOLR	ETHI		9	1	34	6		3	1	3	1		1				
329869	BICOLR	ETHI	COL: NO. R-301A															
329870	BICOLR	ETHI																
329873	BICOLR	ETHI	CCL: NO. R-306A															
329874	BICOLR	ETHI		9	1	38	5		2	1	2	1		2	2			
329875	BICOLR	ETHI		9	2	39	7		3	1	4	1		2	1			
329876	BICOLR	ETHI		9	1	40	7		2	2	3	1		2	1			
329877	BICOLR	ETHI		9	1	35	6		3	1	4	1		2	1			
329878	BICOLR	ETHI		9	2	38	6		3	3	3			2	1			
329879	BICOLR	ETHI																
329880	BICOLR	ETHI		9	1	45	2		1	1	2	1		2	3			
329881	BICOLR	ETHI	COL: NO. R-312A	9											2			

329899	BICOLR	ETHI	CCL. NO. R-329A	9	1	43	2	3	1	2	1	2	1
329900	BICOLR	ETHI											
329901	BICOLR	ETHI											
329902	BICOLR	ETHI											
329903	BICOLR	ETHI											
329904	BICOLR	ETHI											
329905	BICOLR	ETHI											
329906	BICOLR	ETHI											
329907	BICOLR	ETHI											
329908	BICOLR	ETHI											
329909	BICOLR	ETHI											
329910	BICOLR	ETHI											
329911	BICOLR	ETHI											
329912	BICOLR	ETHI											
329913	BICOLR	ETHI											
329914	BICOLR	ETHI											
329915	BICOLR	ETHI											
329916	BICOLR	ETHI											
329917	BICOLR	ETHI											
329918	BICOLR	ETHI											
329919	BICOLR	ETHI											
329920	BICOLR	ETHI											
329921	BICOLR	ETHI											
329922	BICOLR	ETHI											
329923	BICOLR	ETHI											
329924	BICOLR	ETHI											
329925	BICOLR	ETHI											
329926	BICOLR	ETHI											
329927	BICOLR	ETHI											
329928	BICOLR	ETHI											
329929	BICOLR	ETHI											
329930	BICOLR	ETHI											
329931	BICOLR	ETHI											
329932	BICOLR	ETHI											
329933	BICOLR	ETHI											

Plant introduction No.	Species	Source	Cultivar or other identification	Maturity	Plant use	Plant height (dm)	Plant uniformity	No. nodes per plant	Lodging	Peduncle type	Head uniformity	Head compactness	Head exsertion (cm)	Awns	Seed color	Gray leaf spot	Leaf blight	Anthracnose
329934	BICOLR	ETHI		6	2	32			3	3	4			2	1			
329935	BICOLR	ETHI		6	1	30	7		2	1	5			2	2			
329936	BICOLR	ETHI		6	2	35	8		1	3	3			2	1			
329937	BICOLR	ETHI		6	1	22	4		1	1	2			2	1			
329938	BICOLR	ETHI		6	1	22	4		1	1	2			2	1			
329939	BICOLR	ETHI		6	1	45	4		1	1	4	1		2	1			
329940	BICOLR	ETHI	COL. NO. R-383	9	2	42	4		3	1	4			1	2			
329941	BICOLR	ETHI		6	1	34	6		1	1	2	1		2	3			
329942	BICOLR	ETHI		6	1	38	9		1	1	6	1		2	1			
329943	BICOLR	ETHI		6	1	33	3		1	1	3			2	1			
329944	BICOLR	ETHI		6	1	33			1	1				2	1			
329945	BICOLR	ETHI		9	1	35	5		1	1	4	1		2	1			
329946	BICOLR	ETHI		9	1	37	6		3	1	4	1		2	1			
329947	BICOLR	ETHI		6	1													
329948	BICOLR	ETHI		6	1	33	3		2	1	6	1		2	1			
329949	BICOLR	ETHI		6	1	33	7		3	1	6			2	4			
329950	BICOLR	ETHI		9	1	32	4		1	1	3			2	1			
329951	BICOLR	ETHI		9	1	40	8		2	1	6	1		2	1			
329952	BICOLR	ETHI		9	1	33	6		2	1	5	1		2	2			
329953	BICOLR	ETHI		6	2	42	7		3	2	3			2	1			
329954	BICOLR	ETHI		6	1	33	7		1	1	2	1		2	1			
329955	BICOLR	ETHI		6	1	35	8		2	1	4	1		2	1			
329956	BICOLR	ETHI		6	1	35	4		3	1	4	1		2	1			
329957	BICOLR	ETHI		9	2	40	6		3	1	4	1		1	1			
329958	BICOLR	ETHI		6	1	32	8		2	1	4	1		1	1			
329959	BICOLR	ETHI		6	1									1	2			
329960	BICOLR	ETHI		9	1		8		3						1			
329961	BICOLR	ETHI		9	1	33	8		2	1	6			2	1			
329962	BICOLR	ETHI		9	1	34	4		1	1	3	1		2	1			
329963	BICOLR	ETHI		9	1	32	3		1	1	3	1		2	1			
329964	BICOLR	ETHI		9	1										1			
329965	BICOLR	ETHI	COL. NO. R-429 COL. NO. R-430	9	1	33	6		1	1	4	1		2	1			
329969	BICOLR	ETHI																
329970	BICOLR	ETHI																

329971	BICOLR	ETHI	9	1	42	6	2	1	4	1	2	1
329972	BICOLR	ETHI	9	1	40	7	2	1	6	1	2	1
329974	BICOLR	ETHI	9	2	43	6	3	2	4		2	4
329975	BICOLP	ETHI										
329976	BICOLR	ETHI										
329977	BICOLR	ETHI	9	2		3	3	2	4		2	1
329978	BICOLR	ETHI										
329979	BICOLR	ETHI	9	2		5	3	2	3		2	1
329980	BICOLR	ETHI	9	1	34	7	1	1	2	1	2	1
329981	BICOLR	ETHI	9									
329982	BICOLR	ETHI	9	1	34	6	2	1	2	1	2	2
329983	BICOLR	ETHI										
329984	BICOLR	ETHI	9	2	29	3	2	1	6		1	3
329985	BICOLR	ETHI	9	1	33	4	2	1	2	1	2	1
329986	BICOLR	ETHI	9									
329987	BICOLR	ETHI	9	1	32	8	1	1	7		2	1
329988	BICOLR	ETHI										
329989	BICOLR	ETHI										
329990	BICOLR	ETHI										
329991	BICOLR	ETHI	9	1	35	6	1	1	4	1	2	1
329992	BICOLR	ETHI	9	1	42	4	3	1	4	1	2	1
329993	BICOLR	ETHI	9	1	33	2	1	1	2	1	2	2
329994	BICOLR	ETHI	9	2	33	6	3	3	4		2	4
329995	BICOLR	ETHI										
329996	BICOLR	ETHI										
329997	BICOLR	ETHI	9	2	33	2	1	2	4		1	2
329998	BICOLR	ETHI										
329999	BICOLR	ETHI	9	1	36	3	1	1	2	1	2	2
330000	BICOLR	ETHI	9	1	40	7	2	1	7	1	2	3
330001	BICOLR	ETHI	9	1	38	6	2	1	6		2	3
330002	BICOLR	ETHI	9	1			3	1	2	1	2	1
330003	BICOLR	ETHI										
330004	BICOLR	ETHI	9	1	36	6	3	1	3		2	1
330005	BICOLR	ETHI	9	1								
330006	BICOLR	ETHI	9	1	36	3	1	1	3		2	1
330007	BICOLR	ETHI	9	2	32	7	2	3	5		2	2
330008	BICOLR	ETHI										
330009	BICOLR	ETHI	9	1	30	6	2	1	4	1	2	2
330010	BICOLR	ETHI	9	1	37	4	1	1	2	1	2	1
330011	BICOLR	ETHI										
330012	BICOLR	ETHI										
330013	BICOLR	ETHI										
330014	BICOLR	ETHI										
330015	BICOLR	ETHI	9	1	33	7	2	1	6		2	2
330016	BICOLR	ETHI										
330017	BICOLR	ETHI										



Plant introduction No.	Species	Source	Cultivar or other identification	Maturity	Plant use	Plant height (dm)	Plant uniformity	No. nodes per plant	Lodging	Peduncle type	Head uniformity	Head compactness	Head exsertion (cm)	Awns	Seed color	Gray leaf spot	Leaf blight	Anthracnose
330018	BICOLR	ETHI																
330019	BICOLR	ETHI		6	1	32	4		1	1	2	1		2	1			
330020	BICOLR	ETHI		6	1	45	7		2	1	3			2	2			
330021	BICOLR	ETHI		6	2	34	6		1	2	3			2	2			
330022	BICOLR	ETHI		6	1	43	4		1	1	2	1		2	2			
330023	BICOLR	ETHI		6	1	45	3		1	1	2	1		2	2			
330024	BICOLR	ETHI																
330025	BICOLR	ETHI		9	1	33	3		2	1	5	1		2	1			
330026	BICOLR	ETHI		9	1	35	3		1	1	2	1		2	1			
330027	BICOLR	ETHI																
330028	BICOLR	ETHI																
330029	BICOLR	ETHI		9	1	35	3		1	1	4	1		2	1			
330030	BICOLR	ETHI		6	1	33	3		1	1	1	1		2	1			
330031	BICOLR	ETHI		6	1	38	7		3	1	7	1		2	3			
330032	BICOLR	ETHI																
330033	BICOLR	ETHI																
330034	BICOLR	ETHI																
330035	BICOLR	ETHI																
330038	BICOLR	ETHI		9	1	35	7		2	1	2	1		2	1			
330039	BICOLR	ETHI		6	1	39	7		1	1	2	1		2	1			
330040	BICOLR	ETHI		9	1	40	4		1	1	3	1		2	1			
330041	BICOLR	ETHI		6	1		4		3	1	3	1		2	2			
330042	BICOLR	ETHI		9	1		5		2	1	3	1		2	2			
330043	BICOLR	ETHI		9	2	39	6		2	3	2	1		2	3			
330044	BICOLR	ETHI		9	1	33	8		2	1	6	1		2	2			
330045	BICOLR	ETHI		9	2	40	7		2	2	4	1		2	1			
330046	BICOLR	ETHI		9	1	43	8		3	1	4			2	1			
330047	BICOLR	ETHI		9	2	38	8		3	1	1			2	1			
330048	BICOLR	ETHI		9	1	40	4		1	1	4	1		2	1			
330049	BICOLR	ETHI		9	1	40	4		1	1	1	1		2	1			
330050	BICOLR	ETHI		9	1	30	7		2	1	3	1		1	3			
330051	BICOLR	ETHI		9	1	38	6		2	1	4	1		1	2			
330052	BICOLR	ETHI		9	2	36	4		2	2	2			2	4			
330053	BICOLR	ETHI		9	2	35	7		5	1	4			2	3			
330054	BICOLR	ETHI		9	1	35	7		5	1	4			2	3			



Plant introduction No.	Species	Source	Cultivar or other identification	CUL. NO. R-571	Maturity	Plant use	Plant height (dm)	Plant uniformity	No. nodes per plant	Lodging	Peduncle type	Head uniformity	Head compactness	Head exertion (cm)	Awns	Seed color	Gray leaf spot	Leaf blight	Anthraxnose
330104	BICOLR	ETHI			9	1	35	3		3	1	2	1		2	2			
330105	BICOLR	ETHI																	
330106	BICOLR	ETHI			9	1	34	3		1	1	2	1		2	3			
330107	BICOLR	ETHI			9	1	33	3		1	1	2			2	3			
330108	BICOLR	ETHI																	
330109	BICOLR	ETHI			9	1	34	7		1	1	3	1		1	3			
330110	BICOLR	ETHI			9	1	40	3		1	1	3			2	3			
330111	BICOLR	ETHI			9	1	25	2		1	1	2	1		1	2			
330112	BICOLR	ETHI			9	1	40	2		1	1	2			1	1			
330113	BICOLR	ETHI			9	1	34	4		1	1	2	1		2	2			
330114	BICOLR	ETHI			9	1	34	3		1	1	2	1		2	2			
330115	BICOLR	ETHI			9	1	35	3		1	1	2	1		2	2			
330116	BICOLR	ETHI			9	2	38	5		3	1	6			1	4			
330118	BICOLR	ETHI			9	2	38	4											
330119	BICOLR	ETHI																	
330120	BICOLR	ETHI			9	1	40	6		1	1	3	1		2	1			
330121	BICOLR	ETHI			9	1	30	3		1	1	3			1	1			
330122	BICOLR	ETHI			9	2	38	7		3	1	3			1	1			
330123	BICOLR	ETHI			9	1	42	6		3	1	2	1		2	2			
330124	BICOLR	ETHI			9	1	28	3		1	1	2			2	2			
330125	BICOLR	ETHI			9	1	34	6		3	1	4			2	1			
330126	BICOLR	ETHI			9	1	29	5		2	1	4			1	1			
330127	BICOLR	ETHI			9	1	40	7		2	1	4			1	1			
330128	BICOLR	ETHI			9	1	40	7		2	1	2			2	1			
330129	BICOLR	ETHI			9	1	42	6		1	1	3			2	3			
330132	BICOLR	ETHI			9	2	32	7		1	1	3			2	4			
330133	BICOLR	ETHI			9	1	37	4		1	1	3			1	1			
330134	BICOLR	ETHI			9	1	24	2		1	1	3			1	3			
330135	BICOLR	ETHI			9	1	30	5		2	1	6	1		1	4			
330137	BICOLR	ETHI			9	2		7		3	2				2	2			
330138	BICOLR	ETHI			9	2				1	2	3			1	3			
330139	BICOLR	ETHI			9	2		7		2	2	3			1	3			
330140	BICOLR	ETHI			9	1		4		1	1	3			1	2			
330142	BICOLR	ETHI			9	2	40	8		3	2	4			1	4			
330143	BICOLR	ETHI			9	2	38	7		3	1	6			2	4			

330144 ETHI BICOLR 9 1 35 9 3 1 6 3 2 3  
 330145 ETHI BICOLR 9 2 35 9 2 2 4 2 2 2  
 330146 ETHI BICOLR 9 2 35 9 2 2 4 2 2 2  
 330147 ETHI BICOLR 9 2 35 9 2 2 4 2 2 2  
 330148 ETHI BICOLR 9 2 35 9 2 2 4 2 2 2

330149 ETHI BICOLR 9 2 34 9 1 3 3 2 3  
 330150 ETHI BICOLR 9 1 38 9 1 2 3 2 3  
 330152 ETHI BICOLR 9 1 34 9 1 4 7 2 3  
 330153 ETHI BICOLR 9 1 35 9 1 7 2 1 3  
 330154 ETHI BICOLR 9 1 35 9 1 7 2 1 3

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330155 ETHI BICOLR 9 1 33 9 1 3 3 2 2  
 330156 ETHI BICOLR 9 2 33 9 2 3 3 2 2  
 330157 ETHI BICOLR 9 2 34 9 2 3 3 2 2  
 330158 ETHI BICOLR 9 2 34 9 2 3 3 2 2  
 330159 ETHI BICOLR 9 2 34 9 2 3 3 2 2

330160 ETHI BICOLR 9 1 33 9 1 3 3 2 2  
 330161 ETHI BICOLR 9 1 34 9 1 3 3 2 2  
 330162 ETHI BICOLR 9 1 34 9 1 3 3 2 2  
 330163 ETHI BICOLR 9 1 43 9 1 3 3 2 2  
 330164 ETHI BICOLR 9 1 37 9 1 3 3 2 2

330165 ETHI BICOLR 9 2 37 9 2 3 3 2 2  
 330166 ETHI BICOLR 9 3 30 9 3 3 3 2 2  
 330167 ETHI BICOLR 9 3 33 9 3 3 3 2 2  
 330168 ETHI BICOLR 9 3 34 9 3 3 3 2 2  
 330169 ETHI BICOLR 9 4 40 9 4 3 3 2 2

330171 ETHI BICOLR 9 1 40 9 1 3 3 2 2  
 330172 ETHI BICOLR 9 2 33 9 2 3 3 2 2  
 330173 ETHI BICOLR 9 2 33 9 2 3 3 2 2  
 330174 ETHI BICOLR 9 2 35 9 2 3 3 2 2  
 330175 ETHI BICOLR 9 2 34 9 2 3 3 2 2

330176 ETHI BICOLR 9 2 36 9 2 3 3 2 2  
 330177 ETHI BICOLR 9 1 35 9 1 3 3 2 2  
 330178 ETHI BICOLR 9 1 35 9 1 3 3 2 2  
 330179 ETHI BICOLR 9 1 38 9 1 3 3 2 2  
 330180 ETHI BICOLR 9 1 38 9 1 3 3 2 2

330181 ETHI BICOLR 9 1 35 9 1 3 3 2 2  
 330182 ETHI BICOLR 9 1 35 9 1 3 3 2 2  
 330183 ETHI BICOLR 9 2 35 9 2 3 3 2 2  
 330184 ETHI BICOLR 9 2 35 9 2 3 3 2 2  
 330185 ETHI BICOLR 9 4 40 9 4 3 3 2 2

CCL. NO. P-58

330186 ETHI BICOLR 9 2 43 9 2 3 3 2 2  
 330187 ETHI BICOLR 9 2 32 9 2 3 3 2 2  
 330188 ETHI BICOLR 9 1 30 9 1 3 3 2 2  
 330189 ETHI BICOLR 9 1 30 9 1 3 3 2 2  
 330190 ETHI BICOLR 9 1 30 9 1 3 3 2 2



Plant introduction No.	Species	Source	Cultivar or other identification	Maturity	Plant use	Plant height (dm)	Plant uniformity	No. nodes per plant	Lodging	Peduncle type	Head uniformity	Head compactness	Head exertion (cm)	Awns	Seed color	Gray leaf spot	Leaf blight	Anthraxnose
330191	BICOLR	ETHI	COL. NO. P-69	9	1	30	8		1	1	3	1		2	1			
330192	BICOLR	ETHI		9	1	29	7		1	1	3	1		2	2			
330194	BICOLR	ETHI		9	3	35	6		1	1	5	1		2	2			
330195	BICOLR	ETHI		9	3	33	7		1	1	9	1		2	1			
330196	BICOLR	ETHI																
330198	BICOLR	ETHI	COL. NO. P-73	9	3	35	2		1	1	2	1		2	1			
330199	BICOLR	ETHI		9	1	34	6		1	1	5	1		1	1			
330200	BICOLR	ETHI		9	1	27	4		1	1	2	1		2	2			
330201	BICOLR	ETHI		9	1	35	8		1	1	3	1		2	4			
330202	BICOLR	ETHI																
330203	BICOLR	ETHI		9	3	37	7		1	1	3	1		2	2			
330204	BICOLR	ETHI		9	1	28	6		1	1	4	1		2	1			
330205	BICOLR	ETHI		9	1	33	4		1	1	3	1		2	2			
330206	BICOLR	ETHI		9	1	28	6		1	1	4	1		2	4			
330207	BICOLR	ETHI																
330208	BICOLR	ETHI		9	1	40	6		1	1	2	1		2	1			
330210	BICOLR	ETHI		9	1	40	5		1	1	2	1		2	1			
330211	BICOLR	ETHI		9	1	35	5		1	1	3	1		1	1			
330212	BICOLR	ETHI		9	1	35	8		1	1	4	1		2	1			
330214	BICOLR	ETHI																
330215	BICOLR	ETHI		9	1	40	6		1	1	5	1		1	1			
330217	BICOLR	ETHI		9	1	34	8		1	1	7	1		1	1			
330218	BICOLR	ETHI		9	1	36	7		1	1	4	1		1	1			
330220	BICOLR	ETHI		9	1	33	5		2	1	4			2	4			
330221	BICOLR	ETHI																
330224	BICOLR	ETHI		9	1	35	4		2	1	6	1		1	2			
330225	BICOLR	ETHI		9	1	35	7		1	1	3			1	3			
330227	BICOLR	ETHI		9	1	33	8		1	1	9	1		2	1			
330231	BICOLR	ETHI		9	1	34	4		1	1	3			1	1			
330232	BICOLR	ETHI																
330235	BICOLR	ETHI		9	2	33	3		1	3	3			1	1			
330236	BICOLR	ETHI		9	2	29	5		1	2	6			1	1			
330237	BICOLR	ETHI		9	1	33	1		1	1	2			1	2			
330239	BICOLR	ETHI		9	1	35	7		3	1	2			1	2			
330241	BICOLR	ETHI																

330243	BICOLR	ETHI	9	1	33	5	3	1	2	3	1	1	1
330244	BICOLR	ETHI	9	1	25	7	2	1	3	3	1	1	1
330245	BICOLR	ETHI	9	2	26	4	1	2	2	2	2	4	3
330248	BICOLR	ETHI	9	2	26	4	1	3	3	2	1	3	3
330249	BICOLP	ETHI	9	2	16	4	1	1	1	1	1	1	3
330251	BICOLR	ETHI	9	2	36	6	1	2	3	4	1	3	3
330252	BICOLR	ETHI	9	2	33	6	1	2	2	2	1	2	2
330253	BICOLR	ETHI	9	2	27	3	1	3	2	2	1	4	2
330254	BICOLR	ETHI	9	2	31	5	1	3	3	1	1	1	1
330256	BICOLR	ETHI	9	1	31	3	1	1	1	1	1	1	4
330258	BICOLR	ETHI	9	1	28	4	1	1	1	2	1	2	2
330260	BICOLR	ETHI	9	1	34	6	1	1	1	2	1	1	1
330261	BICOLR	ETHI	9	1	25	4	1	1	2	3	1	1	1
330262	BICOLR	ETHI	9	2	18	4	1	1	1	1	1	1	1
330263	BICOLR	ETHI	9	2	31	4	1	1	1	1	1	1	1
330264	BICOLR	ETHI	9	2	30	4	1	1	1	2	1	2	2
330265	BICOLR	ETHI	9	2	29	4	1	1	1	1	1	1	1
330266	BICOLR	ETHI	9	2	29	4	1	1	1	1	1	1	1
330267	BICOLR	ETHI	9	1	33	3	1	1	1	1	1	1	1
330268	BICOLR	ETHI	9	2	28	3	1	1	1	1	1	1	1
330269	BICOLR	ETHI	9	2	27	4	1	1	1	1	1	1	1
330270	BICOLR	ETHI	9	1	29	4	1	1	1	1	1	1	1
330272	BICOLR	ETHI	9	1	27	4	1	1	1	1	1	1	1
330282	BICOLR	ETHI	9	1	31	4	1	1	1	1	1	1	1
330283	BICOLR	ETHI	9	1	36	5	1	1	1	1	1	1	1
330286	BICOLR	ETHI	9	1	33	4	1	1	1	1	1	1	1
330288	BICOLR	ETHI	9	1	30	4	1	1	1	1	1	1	1
330289	BICOLR	ETHI	9	1	32	4	1	1	1	1	1	1	1
330290	BICOLR	ETHI	9	1	33	4	1	1	1	1	1	1	1
330291	BICOLR	ETHI	9	1	35	4	1	1	1	1	1	1	1
330293	BICOLR	ETHI	9	1	33	5	1	1	1	1	1	1	1
330295	BICOLR	ETHI	9	1	33	5	1	1	1	1	1	1	1
330732	BICOLR	ETHI	9	1	33	5	1	1	1	1	1	1	1
330733	BICOLR	ETHI	9	1	33	5	1	1	1	1	1	1	1
330734	BICOLR	ETHI	9	1	33	5	1	1	1	1	1	1	1
330735	BICOLR	ETHI	9	1	33	5	1	1	1	1	1	1	1
330736	BICOLR	ETHI	9	1	33	5	1	1	1	1	1	1	1
330738	BICOLR	ETHI	9	1	33	5	1	1	1	1	1	1	1
330739	BICOLR	ETHI	9	1	27	4	1	1	1	1	1	1	1
330740	BICOLR	ETHI	9	1	27	4	1	1	1	1	1	1	1
330746	BICOLR	ETHI	9	1	28	5	1	1	1	1	1	1	1
330747	BICOLR	ETHI	9	1	26	5	1	1	1	1	1	1	1
330750	BICOLR	ETHI	9	1	30	5	1	1	1	1	1	1	1
330751	BICOLR	ETHI	9	1	30	5	1	1	1	1	1	1	1
330752	BICOLR	ETHI	9	1	30	5	1	1	1	1	1	1	1
330753	BICOLR	ETHI	9	1	30	5	1	1	1	1	1	1	1

Plant introduction No.	Species	Source	Cultivar or other identification	Maturity	Plant use	Plant height (dm)	Plant uniformity	No. nodes per plant	Lodging	Peduncle type	Head uniformity	Head compactness	Head exertion (cm)	Awns	Seed color	Gray leaf spot	Leaf blight	Anthracnose
330754	BICOLR	ETHI		6	2		3		3	3	3			2				
330755	BICOLR	ETHI		6	1		4		3	1	2	1		2	1			
330756	BICOLR	ETHI		6	1	36	7		1	1	2	1		2	4			
330757	BICOLR	ETHI		6														
330758	BICOLR	ETHI		6					3	3								
330759	BICOLR	ETHI		6					3	3								
330760	BICOLR	ETHI		6					3	3								
330761	BICOLR	ETHI		6					3	3								
330765	BICOLR	ETHI		6	2		3		3	3					4			
330766	BICOLR	ETHI		6					3	3								
330767	BICOLR	ETHI		6	2		4		3	2	3			2	4			
330770	BICOLR	ETHI		6					3						4			
330771	BICOLR	ETHI		6					3									
330772	BICOLR	ETHI		6					3									
330773	BICOLR	ETHI		6					3						4			
330775	BICOLR	ETHI		6					3						3			
330780	BICOLR	ETHI		6					3									
330783	BICOLR	ETHI		6					3									
330784	BICOLR	ETHI		6					3									
330787	BICOLR	ETHI		6					3									
330789	BICOLR	ETHI		6					3									
330790	BICOLR	ETHI		6					3									
330791	BICOLR	ETHI		6	1		3		1	1	2			1				
330793	BICOLR	ETHI		6					1									
330794	BICOLR	ETHI		6					3									
330795	BICOLR	ETHI		6					3									
330796	BICOLR	ETHI		6	1	30	4		3						3			
330798	BICOLR	ETHI		6					1									
330799	BICOLR	ETHI		6	1	29	4		1	1	1	1		2	2			
330800	BICOLR	ETHI		6					1									
330801	BICOLR	ETHI		6	1	30	5		1	1	2	1		2	2			
330807	BICOLR	ETHI		6	1	32	3		1	1	2	1		1	1			
330808	BICOLR	ETHI		6	1	35	2		1	1	5	1		1	3			
330809	BICOLR	ETHI		6	3	36	2		1	1	2	1		1	1			
				6		23	3		1	1	5	1		1	1			





Plant introduction No.	Species	Source	Cultivar or other identification	Maturity	Plant use	Plant height (dm)	Plant uniformity	No. nodes per plant	Lodging	Peduncle type	Head uniformity	Head compactness	Head exsertion (cm)	Awns	Seed color	Gray leaf spot	Leaf blight	Anthraxnose
330891	BICOLR	ETHI		6	1	21	4		3	1	2	1		1	3			
330892	BICOLR	ETHI		6	1	26	3		1	1				2				
330893	BICOLR	ETHI		6	1				1	1								
330894	BICOLR	ETHI		6	1	36	3		1	1	1	1		2	3			
330895	BICOLR	ETHI		6	1	34	6		1	1	3	1		1	2			
330896	BICOLR	ETHI		6	1	38	4		3	1	2	1		1	2			
330897	BICOLR	ETHI		6	1	38	5		2	1	4	1		1	4			
330899	BICOLR	ETHI		6	1	34	3		2	1	1	1		1	3			
330900	BICOLR	ETHI		6	1	31	4		2	1	3			1	2			
330903	BICOLR	ETHI		6	1	33	3		2	1	2	1		1	3			
330904	BICOLR	ETHI		6	1		3		2	1	5	1		1	4			
330905	BICOLR	ETHI		6	1	21	4		2	1	2	1		1				
330906	BICOLR	ETHI		6	1				2	1				1				
330908	BICOLR	ETHI		6	1	34	5		1	1	3			1	4			
330909	BICOLR	ETHI		6	2	25	7		1	2	2			1				
330910	BICOLR	ETHI		6	1	26	5		1	1	2			1				
330911	BICOLR	ETHI		6	2	19	7		1	1	5			1	3			
330912	BICOLR	ETHI		6	1	25	5		1	1	1	1		1				
330913	BICOLR	ETHI		6	1	23	2		1	1	1	1		1	2			
330919	BICOLR	ETHI		6	2	24	4		1	3	1			1	4			
330920	BICOLR	ETHI		6	1	28	2		1	1	3	1		1	2			
330968	BICOLR	ETHI		6	1	28	2		1	3	5	1		1	2			
330969	BICOLR	ETHI		6	2	28	2		1	1	1	1		2				
330970	BICOLR	ETHI		9	1	27	2		1	1	5	1		1				
330971	BICOLR	ETHI		9	2	28	2		1	2	4			1				
330972	BICOLR	ETHI		6	1	28	2		1	1	3	1		1				
330973	BICOLR	ETHI		9	1	29	2		1	1	1	1		1				
330974	BICOLR	ETHI		9	1	26	2		1	1	2	1		1				
330975	BICOLR	ETHI		9	1	27	3		1	1	2			1				
330977	BICOLR	ETHI		9	1	28	2		1	1	4	1		1				
330979	BICOLR	ETHI		9	1	27	3		1	1	1	1		1				
330980	BICOLR	ETHI		9	1	28	5		1	1	2			1				
330982	BICOLR	ETHI		9	1	31	7		1	1	5			1				
330983	BICOLR	ETHI		9	3	30	3		1	1	1	1		1				



Plant introduction No.	Species	Source	Cultivar or other identification	Maturity	Plant use	Plant height (dm)	Plant uniformity	No. nodes per plant	Lodging	Peduncle type	Head uniformity	Head compactness	Head exertion (cm)	Awns	Seed color	Gray leaf spot	Leaf blight	Anthraxnose
338196	BICOLR	VENEZ	MANO DE TIGRE															
338197	BICOLR	VENEZ	MILLO TRIGO															
338200	BICOLR	VENEZ	GUANA BLANCO															
339706	BICOLP	ARGN																
339707	BICOLP	ARGN																
343938	BICOLR	ETHI																
350285	BICOLR	UGAN	SERERE RS 1															
350286	BICOLR	UGAN	SERERE RS 2															
350287	BICOLR	UGAN	SERERE RS 3															
350288	BICOLR	UGAN	SERERE RS 4															
391522	BICOLR	CHINA	T SO 18															
391650	BICOLR	CHINA	HU 4															
391651	BICOLR	CHINA	HU 22															
391654	BICOLR	CHINA	7313 R LINE															
391655	BICOLR	CHINA	7384 R LINE															
392391	BICOLR	USSR																
392560	BICOLR	PHIL																
392561	BICOLR	PHIL																
400226	BICOLR	SUDAN																
408812	BICOLR	CHINA																
408813	BICOLR	CHINA																
408814	BICOLR	CHINA																
408816	BICOLR	CHINA	UI 4828															
408817	BICOLR	CHINA																
408818	BICOLR	CHINA																
408819	BICOLR	CHINA	UI 4832															
408820	BICOLR	CHINA																
408821	BICOLR	CHINA	UI 4835															
408822	BICOLR	CHINA																
408823	BICOLR	CHINA	UI 4837															
408824	BICOLR	CHINA	UI 4841															
408825	BICOLR	CHINA	UI 4842															
271241	CNTVRM	INDIA																
271244	CNTVRM	INDIA																
302136	CNTVRM	INDIA																

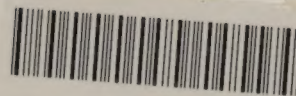
302268	CNTVRM	E AFR	5	1	27	9	1	1	1	1
302281	CNTVRM	AUSTL								
302173	HEWSNI	SUDAN								
302236	HEWSNI	PORT								
171979	HLPNSE	DOM R								
185458	HLPNSE	INDIA								
201446	HLPNSE	INDIA								
211090	HLPNSE	AFGH								
217963	HLPNSE	PAK	1		30					1
255738	HLPNSE	TURKY			30					
282826	HYBRID	CHAD			30					
282827	HYBRID	CHAD			30					
282828	HYBRID	CHAD								
302174	JAPNCM	PORT	1	1	24	9	1	1	5	1
269399	MILCUM	AFGH	9	1	14	1	1	1	1	1
269400	MILCUM	AFGH	9	1	14	1	1	1	1	10
269401	MILCUM	AFGH	9	1	14	1	1	1	1	10
271615	MILCUM	INDIA	9	1	31	1	1	1	1	10
										25
271616	MILCUM	INDIA	9	1	31	1	1	1	1	1
302176	MILCUM	INDIA	5	1	24	5	1	1	1	25
196890	NILTCM	ETHI	5	1	31	9	1	1	1	15
271240	PGNFLM	INDIA	1	1	31		1	1	1	25
198999	PLMDSM	AUSTL	5	1			1			
220931	PLMDSM	AUSTL	5	1	30	1	1	1	1	8
302191	PROPIN	PHIL								
302195	PROPIN	MALA								
302198	SCHRTM	ARGN	5	1	21	9	1	9	1	1
302199	SCHRTM	ARGN	5	1	27	5	1	1	5	1
326297	SCHRTM	USSR								
326298	SCHRTM	USSR								
286195	SP	THAI		1	21					
300121	SP	S AFR		1						
302240	SP	INDIA	9	1			1	1		
302250	SP	DOM R		1						
302270	SP	INDO		1						
302271	SP	INDO		1						
302272	SP	INDO		1						
302273	SP	INDO		1						
302277	SP	INDIA	5	1	27	9	1	1	1	1
213902	SUDNSE	RHOD	1	1	40	1	1	1	1	2
220969	SUDNSE	ARGN	1	1	21	1	1	1	1	25
225006	SUDNSE	RHOD	1	1	40	1	1	1	1	2
226009	SUDNSE	AUSTL	5	1						
232937	SUDNSE	HUN'S	1	1	30	1	1	1	1	20
246654	SUDNSE	ZAIRE	1	3	43	1	1	1	1	2
250104	SUDNSE	EGYPT								
		BEZRA								



Plant introduction No.	Species	Source	Cultivar or other identification	Maturity	Plant use	Plant height (dm)	Plant uniformity	No. nodes per plant	Lodging	Peduncle type	Head uniformity	Head compactness	Head exertion (cm)	Awns	Seed color	Gray leaf spot	Leaf blight	Anthracnose
255739	SUDNSE	TURKY		1	1	15	1	6	4	1	1	1	8	2	1			
260056	SUDNSE	USSR		1	1	31	1	9	1	1	1	1	20		1			
262561	SUDNSE	USSR		1	1	18	5	9	1	1	1	1	25	2	1			
266963	SUDNSE	USSR		1	1	31	5	9	1	1	1	1	25		1			
266964	SUDNSE	USSR		6	1	27	9	6	1	1	1	1	10		1			
302220	SUDNSE	ALGE		1	1	27	9		1	1	1				1			
302221	SUDNSE	USSR		1	1	17	5		1	1					1			
302222	SUDNSE	ARGN		1	1	25	5		1	1					1			
302223	SUDNSE	USA		1	1	23	9		1	1					1			
302224	SUDNSE	NIGIA		5	1	25	1		1	1					1			
215792	VRGTUM	DOM R		5	1				1	1					1			
302232	VRGTUM	USSR		5	1	18	1		1	1					1			
302233	VRGTUM	USSR		1	1	24	1		1	1					1			
247437	VRSCLR	S AFR		1	1	13	1		1	1	1	1	15					
260273	VRSCLR	ETHI		1	1			8		1	1	1	20	2	1			
185573	VRTCFL	JAPAN		1	1	24	1	8		1	1	1	20	2	1			
185574	VRTCFL	S AFR		1	1	24	1			1	1	1						
208190	VRTCFL	S AFR		5	1	24	1			1	1	1						
213900	VRTCFL	KENYA		5	1	40	1	12		1	1	1			1			
213901	VRTCFL	RHOD		5	1	30	1			1	1	1	25					
226096	VRTCFL	KENYA		5	1	34	1	10		1	1	1			1			
247723	VRTCFL	ZAIRE		5	1					1	1	1						
267328	VRTCFL	INDIA		9	1	39	1			1	1	1						
267331	VRTCFL	INDIA		9	1	31	1		1	1	1	1	30		1			
276707	VRTCFL	S AFR		5	1	31	1	8		1	1	1			1			
300117	VRTCFL	S AFR		1	1	21	1	5		1	1	1		2	1			
300118	VRTCFL	S AFR		5	1	31	1		1	1					1			
300120	VRTCFL	S AFR		5	1	13	1		1	1					1			
302231	VRTCFL	AUSTL		5	1	27	5		1	1					1			







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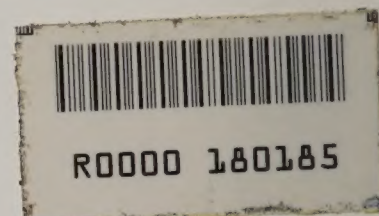


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